

# TURN SCANNED IMAGE INTO VECTOR APP

TURN SCANNED IMAGE INTO VECTOR APP IS A POWERFUL SOLUTION FOR ANYONE NEEDING TO CONVERT RASTER GRAPHICS INTO SCALABLE VECTOR FORMATS. WHETHER YOU'RE A DESIGNER WORKING WITH OLD LOGOS, A PRINTER PREPARING ARTWORK, OR A HOBBYIST WANTING TO MODIFY AN EXISTING IMAGE, THE ABILITY TO TRANSFORM A PIXEL-BASED SCAN INTO A RESOLUTION-INDEPENDENT VECTOR FILE IS INVALUABLE. THIS ARTICLE WILL DELVE INTO THE INTRICACIES OF USING SUCH APPLICATIONS, COVERING THE PROCESS, KEY FEATURES TO LOOK FOR, THE BENEFITS OF VECTORIZATION, AND HOW TO CHOOSE THE RIGHT TOOL FOR YOUR SPECIFIC NEEDS. WE WILL EXPLORE THE TECHNOLOGY BEHIND THESE APPS, THE TYPES OF SCANNED IMAGES THAT ARE BEST SUITED FOR CONVERSION, AND ADVANCED TECHNIQUES FOR ACHIEVING PROFESSIONAL-QUALITY RESULTS.

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## UNDERSTANDING RASTER VS. VECTOR IMAGES

BEFORE DIVING INTO HOW TO TURN SCANNED IMAGE INTO VECTOR APP, IT'S CRUCIAL TO UNDERSTAND THE FUNDAMENTAL DIFFERENCES BETWEEN RASTER AND VECTOR GRAPHICS. RASTER IMAGES, ALSO KNOWN AS BITMAP IMAGES, ARE COMPOSED OF A FIXED NUMBER OF TINY COLORED SQUARES CALLED PIXELS. WHEN YOU ZOOM INTO A RASTER IMAGE, YOU WILL EVENTUALLY SEE THESE INDIVIDUAL PIXELS, LEADING TO A LOSS OF QUALITY AND A JAGGED APPEARANCE. COMMON RASTER FORMATS INCLUDE JPEG, PNG, AND GIF.

VECTOR GRAPHICS, ON THE OTHER HAND, ARE BASED ON MATHEMATICAL EQUATIONS THAT DEFINE POINTS, LINES, AND CURVES. THESE IMAGES ARE RESOLUTION-INDEPENDENT, MEANING THEY CAN BE SCALED INFINITELY WITHOUT ANY LOSS OF QUALITY. THIS MAKES THEM IDEAL FOR LOGOS, ILLUSTRATIONS, AND ANY ARTWORK THAT NEEDS TO BE RESIZED FOR VARIOUS APPLICATIONS, FROM BUSINESS CARDS TO BILLBOARDS. COMMON VECTOR FORMATS INCLUDE SVG, AI, AND EPS.

## WHY YOU NEED TO TURN SCANNED IMAGE INTO VECTOR APP

THE PRIMARY REASON TO USE A TURN SCANNED IMAGE INTO VECTOR APP IS TO OVERCOME THE LIMITATIONS OF RASTER FORMATS WHEN IT COMES TO SCALABILITY AND EDITABILITY. SCANNED IMAGES, BY THEIR VERY NATURE, ARE RASTER. IF YOU HAVE AN OLD LOGO SCANNED FROM A BUSINESS CARD OR A HAND-DRAWN SKETCH THAT YOU WANT TO DIGITIZE AND USE PROFESSIONALLY, IT'S LIKELY A RASTER FILE. WITHOUT VECTORIZATION, RESIZING THIS IMAGE FOR A LARGE BANNER WOULD RESULT IN A BLURRY, PIXELATED MESS.

FURTHERMORE, RASTER IMAGES ARE OFTEN DIFFICULT TO EDIT. CHANGING COLORS, ADJUSTING LINES, OR SEPARATING ELEMENTS WITHIN A RASTER FILE CAN BE A LABORIOUS AND OFTEN IMPRECISE PROCESS. VECTOR FILES, HOWEVER, ALLOW FOR EASY MANIPULATION OF INDIVIDUAL PATHS, SHAPES, AND COLORS, MAKING THEM INCREDIBLY FLEXIBLE FOR DESIGN WORK.

## HOW TO TURN SCANNED IMAGE INTO VECTOR APP: THE PROCESS

THE PROCESS OF USING A TURN SCANNED IMAGE INTO VECTOR APP TYPICALLY INVOLVES A FEW KEY STEPS. THE FIRST STEP IS

TO IMPORT OR SCAN YOUR IMAGE INTO THE APPLICATION. FOR OPTIMAL RESULTS, ENSURE YOUR SCANNED IMAGE IS CLEAN, WELL-LIT, AND OF A REASONABLE RESOLUTION. A HIGH-QUALITY SCAN WILL YIELD BETTER VECTOR OUTPUT.

ONCE THE IMAGE IS LOADED, THE APP WILL EMPLOY AN ALGORITHM, OFTEN REFERRED TO AS TRACING OR AUTO-TRACING, TO IDENTIFY THE SHAPES, LINES, AND COLORS WITHIN THE RASTER IMAGE. THIS PROCESS ESSENTIALLY CONVERTS PIXELS INTO PATHS AND NODES. THE SOPHISTICATION OF THIS TRACING ALGORITHM IS WHAT DIFFERENTIATES VARIOUS VECTORIZATION APPS. MORE ADVANCED APPS OFFER MORE CONTROL OVER THE TRACING PARAMETERS.

## AUTOMATED TRACING OPTIONS

MOST TURN SCANNED IMAGE INTO VECTOR APP PROVIDE AUTOMATED TRACING FEATURES. THIS IS WHERE THE SOFTWARE ANALYZES THE INPUT IMAGE AND AUTOMATICALLY GENERATES VECTOR PATHS. USERS CAN OFTEN SELECT FROM DIFFERENT TRACING PRESETS OR MODES, SUCH AS "LOGO," "SKETCH," OR "MONOCHROME," DEPENDING ON THE COMPLEXITY AND STYLE OF THE ORIGINAL IMAGE. THESE PRESETS ADJUST PARAMETERS LIKE COLOR DETECTION, PATH SMOOTHING, AND DETAIL LEVEL TO ACHIEVE THE BEST RESULTS FOR SPECIFIC TYPES OF ARTWORK.

## MANUAL TRACING AND EDITING TOOLS

WHILE AUTOMATED TRACING IS CONVENIENT, IT MAY NOT ALWAYS PRODUCE PERFECT RESULTS, ESPECIALLY FOR INTRICATE OR LOW-QUALITY SCANS. FOR THIS REASON, MANY ADVANCED TURN SCANNED IMAGE INTO VECTOR APP ALSO INCLUDE MANUAL TRACING TOOLS. THESE TOOLS ALLOW USERS TO DRAW VECTOR PATHS DIRECTLY OVER THE RASTER IMAGE, PRECISELY DEFINING SHAPES AND CURVES. ADDITIONALLY, ROBUST EDITING TOOLS ARE USUALLY AVAILABLE TO REFINE AUTOMATICALLY TRACED PATHS. THIS INCLUDES ADJUSTING NODE POINTS, SMOOTHING CURVES, SIMPLIFYING COMPLEX PATHS, AND RECOLORING OBJECTS.

## KEY FEATURES TO LOOK FOR IN A VECTORIZATION APP

WHEN SELECTING A TURN SCANNED IMAGE INTO VECTOR APP, SEVERAL FEATURES ARE PARAMOUNT TO ENSURING EFFICIENCY AND QUALITY. THE ACCURACY OF THE TRACING ENGINE IS ARGUABLY THE MOST IMPORTANT. A GOOD APP SHOULD ACCURATELY CAPTURE THE ESSENCE OF THE ORIGINAL IMAGE, INCLUDING SHARP LINES, SMOOTH CURVES, AND DISTINCT COLORS.

CONSIDER THE APP'S ABILITY TO HANDLE DIFFERENT TYPES OF IMAGES. CAN IT EFFECTIVELY VECTORIZE SIMPLE LINE ART, COMPLEX ILLUSTRATIONS, OR EVEN PHOTOGRAPHS (THOUGH PHOTO VECTORIZATION IS A MORE SPECIALIZED AREA)? THE LEVEL OF CONTROL OFFERED OVER THE TRACING PROCESS IS ALSO CRITICAL. THIS INCLUDES OPTIONS TO ADJUST THRESHOLD LEVELS, REDUCE OR INCREASE THE NUMBER OF COLORS, AND SPECIFY THE LEVEL OF DETAIL OR SIMPLIFICATION.

ANOTHER VITAL FEATURE IS THE OUTPUT FORMAT SUPPORT. ENSURE THE APP CAN EXPORT TO COMMON VECTOR FILE TYPES LIKE SVG, AI, EPS, AND PDF. THE EASE OF USE AND THE AVAILABILITY OF EDITING TOOLS FOR POST-TRACING REFINEMENT ARE ALSO IMPORTANT FACTORS FOR ACHIEVING PROFESSIONAL RESULTS.

## BENEFITS OF CONVERTING SCANNED IMAGES TO VECTOR

THE BENEFITS OF USING A TURN SCANNED IMAGE INTO VECTOR APP EXTEND BEYOND JUST SCALABILITY. ONE OF THE MOST SIGNIFICANT ADVANTAGES IS ENHANCED EDITABILITY. ONCE AN IMAGE IS IN VECTOR FORMAT, YOU CAN EASILY MODIFY INDIVIDUAL ELEMENTS. THIS MEANS CHANGING A LOGO'S COLOR SCHEME TO MATCH A NEW BRAND GUIDE, RESIZING TEXT WITHOUT PIXELATION, OR EVEN SIGNIFICANTLY ALTERING PARTS OF AN ILLUSTRATION BECOMES A STRAIGHTFORWARD TASK.

FILE SIZE OPTIMIZATION IS ANOTHER BENEFIT. WHILE COMPLEX VECTOR GRAPHICS CAN BE LARGE, SIMPLER VECTORS ARE OFTEN SMALLER THAN THEIR HIGH-RESOLUTION RASTER COUNTERPARTS. THIS CAN BE ADVANTAGEOUS FOR WEB USE OR WHEN STORING LARGE DESIGN ASSETS. FURTHERMORE, VECTOR GRAPHICS ARE UNIVERSALLY COMPATIBLE WITH MOST DESIGN SOFTWARE AND PRINTING PROCESSES, ENSURING YOUR ARTWORK LOOKS CONSISTENT ACROSS DIFFERENT PLATFORMS AND OUTPUTS.

## BEST USE CASES FOR TURNING SCANNED IMAGES INTO VECTORS

THERE ARE NUMEROUS SCENARIOS WHERE A TURN SCANNED IMAGE INTO VECTOR APP PROVES INDISPENSABLE. BUSINESSES OFTEN NEED TO VECTORIZE OLD LOGOS THAT MAY ONLY EXIST AS PRINTOUTS OR LOW-RESOLUTION SCANS. THIS ENSURES THEIR BRANDING IS CONSISTENT ACROSS ALL MARKETING MATERIALS, FROM WEBSITES AND SOCIAL MEDIA TO MERCHANDISE AND SIGNAGE.

GRAPHIC DESIGNERS FREQUENTLY USE THESE TOOLS TO CONVERT HAND-DRAWN SKETCHES OR SCANNED TEXTURES INTO EDITABLE VECTOR ELEMENTS. THIS ALLOWS THEM TO INTEGRATE UNIQUE ARTISTIC ELEMENTS INTO DIGITAL DESIGNS SEAMLESSLY. PRINTERS AND SIGN MAKERS RELY HEAVILY ON VECTOR FILES FOR PRECISE CUTTING, ENGRAVING, AND LARGE-FORMAT PRINTING, WHERE RESOLUTION INDEPENDENCE IS CRITICAL.

HOBBYISTS AND CRAFTERS MIGHT USE THESE APPS TO PREPARE SCANNED ARTWORK FOR VINYL CUTTING MACHINES, LASER ENGRAVERS, OR FOR CREATING CUSTOM T-SHIRTS AND DECALS. THE ABILITY TO SCALE AND EDIT THESE DESIGNS WITHOUT LOSING DETAIL IS KEY TO ACHIEVING PROFESSIONAL-LOOKING FINISHED PRODUCTS.

## TIPS FOR ACHIEVING HIGH-QUALITY VECTOR CONVERSIONS

TO MAXIMIZE THE EFFECTIVENESS OF YOUR TURN SCANNED IMAGE INTO VECTOR APP, SEVERAL BEST PRACTICES SHOULD BE FOLLOWED. FIRSTLY, START WITH THE BEST POSSIBLE SOURCE MATERIAL. A CLEAN, HIGH-RESOLUTION, BLACK-AND-WHITE SCAN WILL ALWAYS YIELD SUPERIOR RESULTS COMPARED TO A BLURRY, COLOR-RICH, LOW-RESOLUTION IMAGE. IF POSSIBLE, REMOVE ANY BACKGROUND NOISE OR BLEMISHES FROM THE RASTER IMAGE BEFORE VECTORIZING.

EXPERIMENT WITH THE APP'S TRACING SETTINGS. DON'T SETTLE FOR THE DEFAULT OPTIONS. ADJUST PARAMETERS LIKE THE NUMBER OF COLORS, THE SMOOTHNESS OF CURVES, AND THE LEVEL OF DETAIL TO MATCH YOUR SPECIFIC IMAGE. SOMETIMES, MULTIPLE PASSES WITH DIFFERENT SETTINGS MIGHT BE NECESSARY TO ACHIEVE THE DESIRED OUTCOME.

ALWAYS REVIEW AND REFINE THE CONVERTED VECTOR IMAGE. AUTOMATED TRACING IS RARELY PERFECT. USE THE APP'S EDITING TOOLS TO CLEAN UP ANY STRAY POINTS, ADJUST BEZIER CURVES FOR SMOOTHER SHAPES, AND ENSURE ALL ELEMENTS ARE CORRECTLY COLORED AND GROUPED. THIS MANUAL REFINEMENT STEP IS OFTEN THE DIFFERENCE BETWEEN A GOOD CONVERSION AND A PROFESSIONAL ONE.

## CHOOSING THE RIGHT TURN SCANNED IMAGE INTO VECTOR APP

THE CHOICE OF A TURN SCANNED IMAGE INTO VECTOR APP DEPENDS ON YOUR BUDGET, TECHNICAL SKILL LEVEL, AND THE COMPLEXITY OF THE IMAGES YOU NEED TO CONVERT. FOR OCCASIONAL USE OR SIMPLER GRAPHICS, FREE ONLINE CONVERTERS OR BASIC MOBILE APPS MIGHT SUFFICE. THESE TOOLS ARE OFTEN USER-FRIENDLY BUT MAY OFFER LIMITED CUSTOMIZATION AND CONTROL OVER THE OUTPUT.

FOR PROFESSIONAL DESIGNERS AND BUSINESSES REQUIRING HIGH-QUALITY RESULTS AND ADVANCED FEATURES, INVESTING IN DESKTOP SOFTWARE OR SUBSCRIPTION-BASED SERVICES IS RECOMMENDED. THESE APPLICATIONS TYPICALLY OFFER MORE SOPHISTICATED TRACING ALGORITHMS, A WIDER ARRAY OF EDITING TOOLS, AND SUPPORT FOR A BROADER RANGE OF FILE FORMATS. CONSIDER THE LEARNING CURVE ASSOCIATED WITH THE SOFTWARE; SOME ARE MORE INTUITIVE THAN OTHERS.

READ REVIEWS AND COMPARE FEATURES BEFORE MAKING A DECISION. LOOK FOR APPS THAT HAVE A PROVEN TRACK RECORD OF DELIVERING ACCURATE VECTORIZATIONS AND OFFER GOOD CUSTOMER SUPPORT. ULTIMATELY, THE BEST APP IS THE ONE THAT MEETS YOUR SPECIFIC NEEDS AND HELPS YOU ACHIEVE YOUR DESIRED RESULTS EFFICIENTLY.

IN CONCLUSION, THE ABILITY TO TURN SCANNED IMAGE INTO VECTOR APP IS A TRANSFORMATIVE CAPABILITY FOR ANYONE WORKING WITH DIGITAL GRAPHICS. BY UNDERSTANDING THE NUANCES OF RASTER AND VECTOR FORMATS AND LEVERAGING THE POWER OF MODERN VECTORIZATION SOFTWARE, YOU CAN UNLOCK NEW LEVELS OF FLEXIBILITY, SCALABILITY, AND EDITABILITY FOR YOUR ARTWORK, ENSURING YOUR DESIGNS LOOK PRISTINE ACROSS ALL APPLICATIONS.

## FAQ

### Q: WHAT IS THE BEST FREE APP TO TURN SCANNED IMAGE INTO VECTOR?

A: WHILE "BEST" IS SUBJECTIVE AND DEPENDS ON YOUR SPECIFIC NEEDS, SEVERAL FREE ONLINE TOOLS AND MOBILE APPS OFFER GOOD RESULTS FOR BASIC VECTORIZATION. POPULAR OPTIONS INCLUDE VECTOR MAGIC (OFFERS LIMITED FREE TRIALS/CONVERSIONS), ADOBE EXPRESS (HAS VECTORIZING FEATURES), AND VARIOUS MOBILE APPS LIKE VECTORIZER AND ADOBE CAPTURE, WHICH LEVERAGE AI FOR DECENT RESULTS ON SIMPLER GRAPHICS. FOR MORE COMPLEX NEEDS, A PAID SOLUTION IS USUALLY RECOMMENDED.

### Q: CAN I TURN A PHOTOGRAPH INTO A VECTOR USING A SCANNED IMAGE TO VECTOR APP?

A: YES, BUT IT'S A SPECIALIZED PROCESS. MANY TURN SCANNED IMAGE INTO VECTOR APP CAN ATTEMPT TO VECTORIZE PHOTOGRAPHS, BUT THE RESULTS ARE OFTEN HIGHLY STYLIZED, RESEMBLING GRAPHIC ART OR ILLUSTRATION RATHER THAN A PHOTOREALISTIC REPRESENTATION. APPS WITH ADVANCED TRACING ALGORITHMS AND OPTIONS TO CONTROL COLOR PALETTES AND DETAIL LEVELS ARE BETTER SUITED FOR THIS. PHOTOREALISTIC VECTORIZATION IS A COMPLEX TASK AND MIGHT REQUIRE SIGNIFICANT MANUAL EDITING AFTER THE INITIAL AUTO-TRACE.

### Q: HOW ACCURATE ARE AUTOMATED TRACING TOOLS IN A TURN SCANNED IMAGE INTO VECTOR APP?

A: THE ACCURACY OF AUTOMATED TRACING TOOLS VARIES SIGNIFICANTLY DEPENDING ON THE APP'S ALGORITHM, THE QUALITY OF THE SCANNED IMAGE, AND THE COMPLEXITY OF THE ARTWORK. FOR SIMPLE, HIGH-CONTRAST LINE ART OR LOGOS, AUTOMATED TRACING CAN BE HIGHLY ACCURATE. FOR DETAILED ILLUSTRATIONS, IMAGES WITH SUBTLE GRADIENTS, OR LOW-RESOLUTION SCANS, AUTOMATED TRACING MIGHT REQUIRE SUBSTANTIAL MANUAL CLEANUP AND REFINEMENT BY THE USER.

### Q: WHAT ARE THE MOST COMMON ISSUES WHEN TURNING A SCANNED IMAGE INTO A VECTOR?

A: COMMON ISSUES INCLUDE JAGGED LINES, FUZZY OR DISTORTED SHAPES, AN EXCESSIVE NUMBER OF REDUNDANT ANCHOR POINTS, INCORRECT COLOR SEPARATION, AND LOSS OF FINE DETAIL. LOW-QUALITY SCANS, COMPLEX ORIGINAL ARTWORK, AND LESS SOPHISTICATED TRACING ALGORITHMS ARE PRIMARY CONTRIBUTORS TO THESE PROBLEMS. USERS OFTEN NEED TO SPEND TIME CLEANING UP THE VECTORIZED OUTPUT.

### Q: WHAT IS THE DIFFERENCE BETWEEN A TRACED VECTOR AND A MANUALLY DRAWN VECTOR?

A: A TRACED VECTOR IS CREATED BY SOFTWARE AUTOMATICALLY CONVERTING PIXEL DATA INTO PATHS AND POINTS. WHILE CONVENIENT, IT MAY NOT ALWAYS BE PERFECTLY CLEAN OR EFFICIENT. A MANUALLY DRAWN VECTOR IS CREATED BY A DESIGNER USING VECTOR DRAWING TOOLS (LIKE PEN TOOLS) TO CONSTRUCT PATHS AND SHAPES FROM SCRATCH. MANUALLY DRAWN

VECTORS ARE TYPICALLY CLEANER, MORE PRECISE, AND OPTIMIZED FOR THE INTENDED PURPOSE.

### Q: WILL TURNING A SCANNED IMAGE INTO A VECTOR IMPROVE ITS RESOLUTION?

A: YES, FUNDAMENTALLY. BY CONVERTING A RASTER (PIXEL-BASED) IMAGE INTO A VECTOR (MATHEMATICALLY DEFINED PATH-BASED) IMAGE, YOU GAIN RESOLUTION INDEPENDENCE. THIS MEANS THE VECTOR IMAGE CAN BE SCALED TO ANY SIZE WITHOUT LOSING QUALITY, EFFECTIVELY HAVING INFINITE RESOLUTION FOR DISPLAY AND PRINTING PURPOSES, UNLIKE THE ORIGINAL SCANNED RASTER IMAGE WHICH WOULD PIXELATE IF ENLARGED SIGNIFICANTLY.

### Q: HOW CAN I PREPARE MY SCANNED IMAGE FOR BETTER VECTORIZATION?

A: TO PREPARE YOUR SCANNED IMAGE FOR BETTER VECTORIZATION, ENSURE IT IS SCANNED AT THE HIGHEST POSSIBLE RESOLUTION, IS CLEAN AND FREE OF SMUDGES OR BACKGROUND NOISE, AND HAS GOOD CONTRAST. IF THE ORIGINAL IS IN COLOR BUT YOU ONLY NEED A MONOCHROME VECTOR, CONVERTING IT TO BLACK AND WHITE BEFORE SCANNING OR IN AN IMAGE EDITOR CAN OFTEN YIELD CLEANER TRACING RESULTS.

### Q: CAN I TURN A SCANNED SIGNATURE INTO A VECTOR USING THESE APPS?

A: ABSOLUTELY. A SCANNED SIGNATURE IS A PERFECT CANDIDATE FOR VECTORIZATION. USING A TURN SCANNED IMAGE INTO VECTOR APP, YOU CAN CONVERT A SIGNATURE INTO A CLEAN, SCALABLE VECTOR FORMAT, IDEAL FOR USE ON DIGITAL DOCUMENTS, WEBSITES, OR BRANDING. AGAIN, A HIGH-QUALITY SCAN WITH GOOD CONTRAST IS CRUCIAL FOR THE BEST RESULTS.

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**turn scanned image into vector app: Official Gazette of the United States Patent and Trademark Office** , 1990

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**Chowchow - Wikipedia** De chowchow is een hondenras, behorend tot de Aziatische- en keeshonden van het oertype. De eerst bekende vorm kwam misschien al voor in het oude China, lang voor onze jaartelling. Nu

**Chow-Chow - Lees alles over dit unieke hondenras | zooplus** Goudbruine vacht met machtige manen, compact postuur – een Chow-Chow maakt al indruk door zijn indrukwekkende verschijning. Maar dit primitieve hondenras behoort

**Chow Chow: Alles over dit hondenras - LHIC** Het is een oude hond die van alle markten thuis is. Beschermmer, herdershond, jager en huisdier: de Chow Chow is het allemaal. Wil je weten wat jouw Chow Chow nodig heeft qua, voeding,

**Overzicht Fokkers - Pups -** Hieronder een overzicht van fokkers die lid zijn van de Nederlandse Chow Chow Club en fokken volgens het Verenigingsfokreglement van de NCCC. In de eerste kolom staat

**Chow chow - karakter, puppy info en voeding - Alles over honden** Chow chow honden zijn perfecte waakhonden. De loyaliteit en afhankelijk is enorm sterk bij chow chows. Lees alles over dit ras

**Chow Chow Honden Ras: Karakter, Levensduur & Prijs | Puppyplaats** Een van de meest onderscheidende kenmerken van de Chow Chow is hun zwartachtige/blauwe tong, het andere is hun weelderige dikke vacht. Er zijn twee soorten Chow, waarbij de eerste

**Chow Chow - Houden van honden** Ook wit is erkend. Dit is echter zeer zeldzaam en komt nog wel voor in Duitsland en Oost-Europa. De schofthoogte van de Chow Chow ligt tussen de 45 en 55 cm. Het gewicht varieert van 25

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