

Converting Colors

CIELCh(52, 5.635, 130.718)

Have a look what the booklet for
CIELCh(52, 5.635, 130.718) contains.

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Color

CIELCh(52, 5.601, 130.713)

Conversions

Conversions Part 1

Format	Color
Hex	797E75
RGB	121, 126, 117
RGB Percent	47%, 49%, 46%
CMY	0.5269, 0.5073, 0.5426
CMYK	0.04, 0.00, 0.07, 0.51
HSL	93°, 4%, 48%
HSV	93°, 7%, 49%
XYZ	18.4395, 20.1443, 19.6362
YIQ	123.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

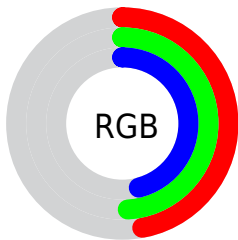
Format	Color
R_{YB}	117, 126, 122
Decimal	7962229
CIE Lab	52.00, -3.65, 4.25
CIE LCh	52, 5.601, 130.713
Yxy	20.1443, 0.3167, 0.3460
Android (android.graphics.Color)	4286152309 (0xFF797E75)
YUV	123.4790, -3.1941, -2.1741
Hunter-Lab	44.8824, -5.2093, 5.4781

Details

The CIELCh color `52, 5.601, 130.713` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `50, 5.658, 311.264`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 5.898, 132.279`, and `32, 5.360, 128.666` is the 20% darker color. If you saturate the color by 10%, you get `51, 13.459, 130.275`, and if you desaturate by 10%, it is `53, 2.223, 311.056`.

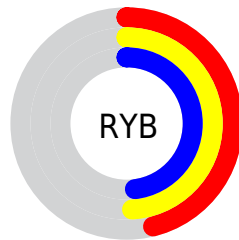
Distribution



Red (47%)

Green (49%)

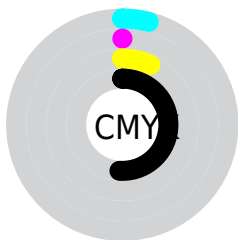
Blue (46%)



Red (46%)

Yellow (49%)

Blue (48%)

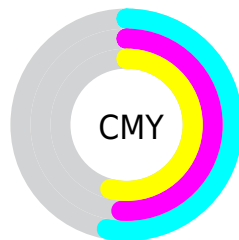


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.601, 130.713 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 5.601, 130.713 by changing the saturation by 10% instead.

■ 52, 5.601, 130.713

■ 52, 5.601, 130.713

■ 100, 5.601,
130.713

■ 42, 5.601, 130.713

■ 72, 5.601, 130.713

■ 32, 5.601, 130.713

■ 82, 5.601, 130.713

■ 22, 5.601, 130.713

■ 92, 5.601, 130.713

■ 12, 5.601, 130.713

■ 2, 5.601, 130.713

■ 0, 5.601, 130.713

■ 52, 5.601, 130.713

■ 52, 5.601, 130.713

■ 51, 13.459,
130.275

■ 53, 2.223, 311.056

■ 54, 9.978, 311.455

■ 50, 21.295,
129.815

■ 55, 17.636,
311.787

■ 50, 29.035,
129.347

■ 56, 25.178,
312.083

■ 49, 36.575,
128.895

■ 57, 32.591,
312.345

■ 48, 43.768,
128.503

■ 58, 39.866,
312.577

■ 48, 50.406,
128.237

■ 60, 47.000,
312.782

■ 47, 56.218,
128.193

■ 61, 53.990,
312.962

■ 47, 60.891,
128.485

■ 62, 60.837,
313.121

■ 47, 64.385,
129.102

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 5.601, 130.713



50, 5.658, 311.264

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 5.601, 130.713



52, 5.601, 180.713



52, 5.601, 310.713



52, 5.601, 0.713

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 5.602, 130.717



67, 1.929, 130.970



51, 3.301, 79.704



35, 1.091, 130.981



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 5.602, 130.717



66, 8.728, 130.627



52, 6.170, 145.437



26, 4.466, 130.632



47, 66.060, 129.264



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50, 5.658, 311.264



63, 8.829, 311.354



50, 6.183, 326.161



25, 4.518, 311.349



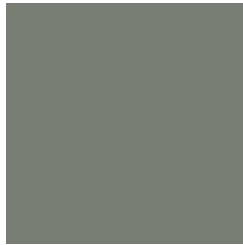
20, 73.540, 313.589



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 5.601, 130.713 looks on a white background.

Color Contrast Check

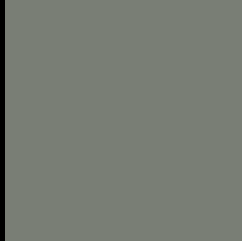
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 5.601, 130.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

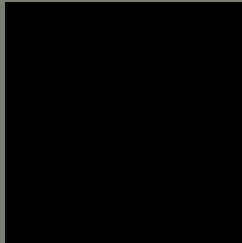
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

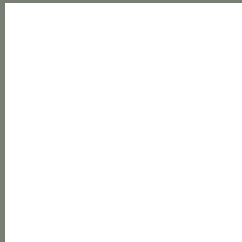
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 5.601, 130.713

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.601, 130.713.



This preview shows how white text looks on a background with the CIELCh color 52, 5.601, 130.713.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


52, 5.601, 130.713

Protanopia

52, 5.057, 85.534

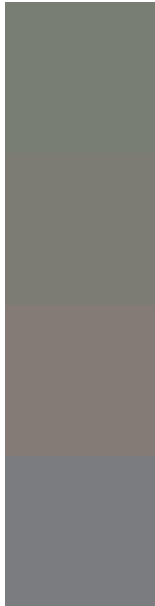
Deuteranopia

52, 7.535, 28.961



Tritanopia
52, 5.815, 290.918

Trichromacy



Original Color
52, 5.601, 130.713

Protanomaly
52, 4.641, 104.522

Deuteranomaly
52, 4.706, 49.114

Tritanomaly
52, 1.904, 266.009

Monochromacy



Original Color
52, 5.601, 130.713

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.919, 134.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.601, 130.713 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 126, 117)` looks like.

```
.text, #text, p{  
    color:rgb(121, 126, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 126, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 126, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.601, 130.713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 126, 117) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 126, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 126, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 126, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 126, 117);  
box-shadow:4px 4px 4px 4px rgb(121, 126,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.601, 130.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 126, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
126, 117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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