

Converting Colors

CIELCh(52, 3.879, 131.385)

Have a look what the booklet for
CIELCh(52, 3.879, 131.385) contains.

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Color

CIELCh(52, 3.687, 128.892)

Conversions

Conversions Part 1

Format	Color
Hex	7A7D77
RGB	122, 125, 119
RGB Percent	48%, 49%, 47%
CMY	0.5215, 0.5097, 0.5332
CMYK	0.02, 0.00, 0.05, 0.51
HSL	90°, 2%, 48%
HSV	90°, 5%, 49%
XYZ	18.6965, 20.1443, 20.3622
YIQ	123.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

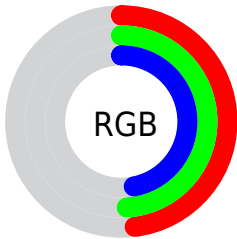
Format	Color
RYB	119, 125, 122
Decimal	8027511
CIELab	52.00, -2.31, 2.87
CIElCh	52, 3.687, 128.892
Yxy	20.1443, 0.3158, 0.3403
Android (android.graphics.Color)	4286217591 (0xFF7A7D77)
YUV	123.4190, -2.1786, -1.2445
Hunter-Lab	44.8824, -4.1872, 4.5190

Details

The CIELCh color **52, 3.687, 128.892** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 3.723, 309.255**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 4.098, 131.395**, and **32, 3.436, 132.260** is the 20% darker color. If you saturate the color by 10%, you get **51, 11.402, 128.447**, and if you desaturate by 10%, it is **53, 3.995, 309.263**.

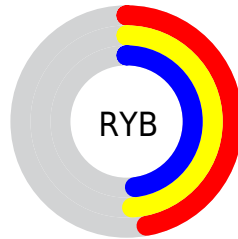
Distribution



Red (48%)

Green (49%)

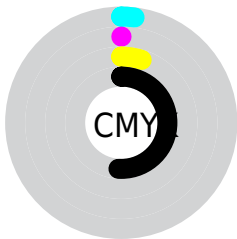
Blue (47%)



Red (47%)

Yellow (49%)

Blue (48%)

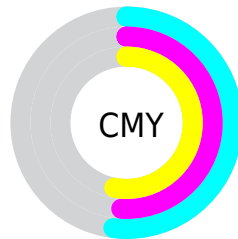


Cyan (2%)

Magenta (0%)

Yellow (5%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.687, 128.892 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, 3.687, 128.892 by changing the saturation by 10% instead.

■ 52, 3.687, 128.892

■ 52, 3.687, 128.892

■ 100, 3.687,
128.892

■ 42, 3.687, 128.892

■ 72, 3.687, 128.892

■ 32, 3.687, 128.892

■ 82, 3.687, 128.892

■ 22, 3.687, 128.892

■ 92, 3.687, 128.892

■ 12, 3.687, 128.892

■ 2, 3.687, 128.892

■ 0, 3.687, 128.892

■ 52, 3.687, 128.892

■ 52, 3.687, 128.892

■ 51, 11.402,
128.447

■ 53, 3.995, 309.263

■ 54, 11.614,

■ 50, 19.100,
127.986

309.650

■ 50, 26.717,
127.518

■ 55, 19.145,
309.994

■ 49, 34.160,
127.067

■ 56, 26.571,
310.302

■ 48, 41.298,
126.672

■ 57, 33.880,
310.579

■ 48, 47.943,
126.394

■ 58, 41.064,
310.826

■ 48, 53.844,
126.320

■ 59, 48.119,
311.047

■ 47, 58.694,
126.562

■ 60, 55.043,
311.243

■ 47, 62.286,
127.194

■ 62, 61.835,
311.417

Harmonies

Complementary

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



52, 3.687, 128.892



50, 3.723, 309.255

Rectangle

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



52, 3.687, 128.892



52, 3.687, 178.892



52, 3.687, 308.892



52, 3.687, 358.892

Sweetspot

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



52, 3.688, 128.899



67, 0.948, 129.141



51, 2.112, 74.741



35, 0.536, 129.153



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, 3.688, 128.899



66, 5.736, 128.837



52, 4.255, 144.225



27, 3.082, 128.827



47, 64.936, 127.534



0, 0.000, 0.000

Inverse Universe

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



50, 3.723, 309.255



64, 5.794, 309.318



51, 4.267, 324.651



25, 3.114, 309.328



18, 74.394, 312.257



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 3.687, 128.892 looks on a white background.

Color Contrast Check

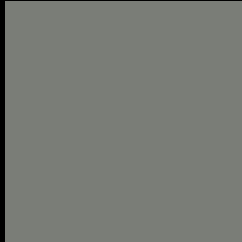
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.687, 128.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

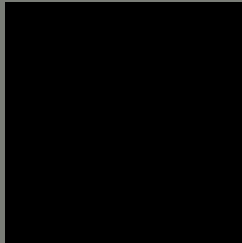
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

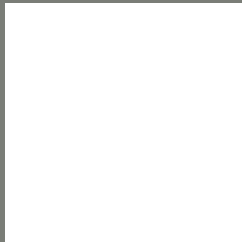
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 3.687, 128.892

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.687, 128.892.



This preview shows how white text looks on a background with the CIELCh color 52, 3.687, 128.892.

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, 3.687, 128.892

Protanopia

52, 3.310, 80.264

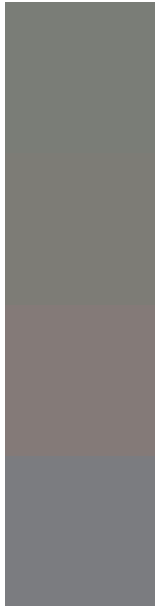
Deuteranopia

52, 6.980, 20.135



Tritanopia
52, 5.833, 294.723

Trichromacy



Original Color
52, 3.687, 128.892

Protanomaly
52, 3.489, 103.030

Deuteranomaly
52, 4.237, 35.560

Tritanomaly
52, 2.353, 280.879

Monochromacy



Original Color
52, 3.687, 128.892

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.225, 129.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.687, 128.892 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(122, 125, 119)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 119)  
}
```

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(122, 125, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.687, 128.892 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(122, 125, 119) }
```

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

```
.border{ border-color:rgb(122, 125, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 125, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 119);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.687, 128.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 119) }
```

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

```
.background{ background-color: rgb(122,  
125, 119) }
```

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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