

Converting Colors

CIELCh(52, 8.965, 102.605)

Have a look what the booklet for
CIELCh(52, 8.965, 102.605) contains.

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Color

CIELCh(52, 8.754, 100.817)

Conversions

Conversions Part 1

Format	Color
Hex	7F7C6D
RGB	127, 124, 109
RGB Percent	50%, 49%, 43%
CMY	0.5007, 0.5124, 0.5713
CMYK	0.00, 0.02, 0.14, 0.50
HSL	50°, 8%, 46%
HSV	50°, 14%, 50%
XYZ	18.8264, 20.1443, 17.4532
YIQ	123.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

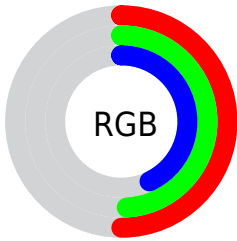
Format	Color
RYB	113, 127, 109
Decimal	8354925
CIELab	52.00, -1.64, 8.60
CIELCh	52, 8.754, 100.817
Yxy	20.1443, 0.3337, 0.3570
Android (android.graphics.Color)	4286545005 (0xFF7F7C6D)
YUV	123.1870, -6.9942, 3.3440
Hunter-Lab	44.8824, -3.6705, 8.3619

Details

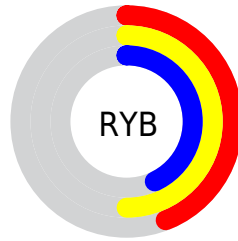
The CIELCh color **52, 8.754, 100.817** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 8.919, 283.986**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 8.806, 99.141**, and **32, 8.308, 99.030** is the 20% darker color. If you saturate the color by 10%, you get **51, 14.973, 99.733**, and if you desaturate by 10%, it is **53, 2.554, 101.868**.

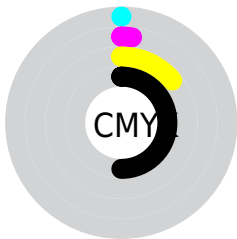
Distribution



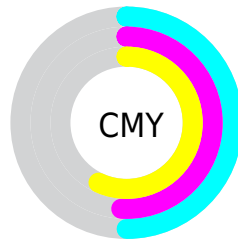
- Red (50%)
- Green (49%)
- Blue (43%)



- Red (44%)
- Yellow (50%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.754, 100.817 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, 8.754, 100.817 by changing the saturation by 10% instead.

■ 52, 8.754, 100.817

■ 52, 8.754, 100.817

■ 100, 8.754,
100.817

■ 42, 8.754, 100.817

■ 72, 8.754, 100.817

■ 32, 8.754, 100.817

■ 82, 8.754, 100.817

■ 22, 8.754, 100.817

■ 92, 8.754, 100.817

■ 12, 8.754, 100.817

■ 2, 8.754, 100.817

■ 0, 8.754, 100.817

■ 52, 8.754, 100.817

■ 52, 8.754, 100.817

■ 51, 14.973, 99.733

■ 53, 2.554, 101.868

■ 50, 21.172, 98.616

■ 54, 3.612, 282.971

■ 49, 27.294, 97.485

■ 55, 9.731, 283.951

■ 49, 33.237, 96.350

■ 56, 15.797,
284.904

■ 48, 38.839, 95.217

■ 57, 21.808,
285.816

■ 47, 43.843, 94.089

■ 46, 47.890, 92.960

■ 58, 27.763,
286.684

■ 46, 50.615, 91.806

■ 59, 33.661,
287.508

■ 45, 52.045, 91.146

■ 60, 39.504,
288.288

■ 61, 45.292,
289.026

Harmonies

Complementary

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



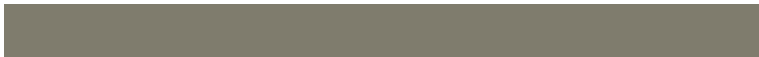
52, 8.754, 100.817



48, 8.919, 283.986

Rectangle

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



52, 8.754, 100.817



52, 8.754, 150.817



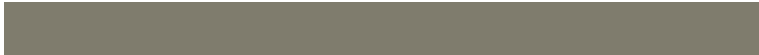
52, 8.754, 280.817



52, 8.754, 330.817

Sweetspot

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



52, 8.755, 100.826



68, 3.058, 101.873



48, 7.675, 7.063



35, 2.191, 101.808



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 8.755, 100.826



66, 13.066, 100.473



52, 10.686, 122.314



26, 3.487, 101.363



46, 52.095, 91.144



0, 0.000, 0.000

Inverse Universe

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



48, 8.919, 283.986



59, 13.364, 284.411



47, 10.957, 303.827



25, 3.532, 283.369



16, 70.597, 302.691



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 8.754, 100.817 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 CIELCh color 52, 8.754, 100.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

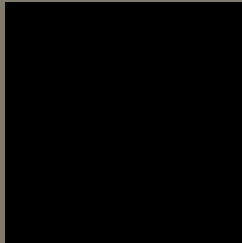
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

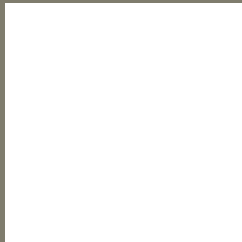
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 8.754, 100.817

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.754, 100.817.



This preview shows how white text looks on a background with the CIELCh color 52, 8.754, 100.817.

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

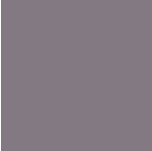
52, 8.754, 100.817

Protanopia

52, 9.019, 92.835

Deuteranopia

52, 10.737, 49.104



Tritanopia
52, 6.845, 322.045

Trichromacy



Original Color
52, 8.754, 100.817

Protanomaly
52, 8.910, 95.446

Deuteranomaly
52, 9.001, 64.638

Tritanomaly
52, 2.886, 8.021

Monochromacy



Original Color
52, 8.754, 100.817

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.915, 101.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.754, 100.817 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(127, 124, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 109)  
}
```

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(127, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.754, 100.817 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(127, 124, 109) }
```

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

```
.border{ border-color:rgb(127, 124, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 124,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.754, 100.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 109) }
```

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

```
.background{ background-color: rgb(127,  
124, 109) }
```

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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