

Converting Colors

CIELCh(52, 11.651, 100.333)

Have a look what the booklet for
CIELCh(52, 11.651, 100.333)
contains.

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Color

CIELCh(52, 11.668, 100.318)

Conversions

Conversions Part 1

Format	Color
Hex	807C68
RGB	128, 124, 104
RGB Percent	50%, 49%, 41%
CMY	0.4964, 0.5121, 0.5906
CMYK	0.00, 0.03, 0.19, 0.50
HSL	50°, 10%, 46%
HSV	50°, 19%, 50%
XYZ	18.7399, 20.1443, 16.1013
YIQ	122.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

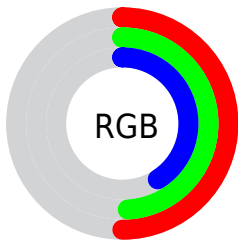
Format	Color
RYB	109, 128, 104
Decimal	8420456
CIELab	52.00, -2.09, 11.48
CIELCh	52, 11.668, 100.318
Yxy	20.1443, 0.3408, 0.3664
Android (android.graphics.Color)	4286610536 (0xFF807C68)
YUV	122.9160, -9.3256, 4.4587
Hunter-Lab	44.8824, -4.0145, 10.1478

Details

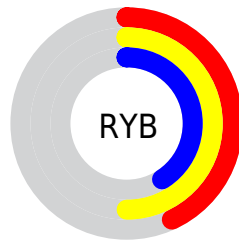
The CIELCh color **52, 11.668, 100.318** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 11.956, 284.586**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 11.544, 99.239**, and **32, 11.479, 98.592** is the 20% darker color. If you saturate the color by 10%, you get **51, 17.927, 99.219**, and if you desaturate by 10%, it is **53, 5.414, 101.399**.

Distribution



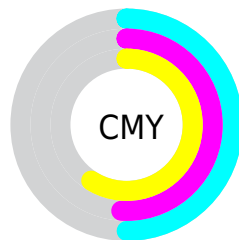
- Red (50%)
- Green (49%)
- Blue (41%)



- Red (43%)
- Yellow (50%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (50%)





- Cyan (50%)
- Magenta (51%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 11.668, 100.318 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, 11.668, 100.318 by changing the saturation by 10% instead.


 52, 11.668,
100.318


 52, 11.668,
100.318


 100, 11.668,
100.318


 42, 11.668,
100.318


 72, 11.668,
100.318

 32, 11.668,
100.318

 82, 11.668,
100.318

 22, 11.668,
100.318

 92, 11.668,
100.318

 12, 11.668,
100.318

 2, 11.668, 100.318

 0, 11.668, 100.318

■ 52, 11.668,
100.318

■ 52, 11.668,
100.318

■ 51, 17.927, 99.219

■ 53, 5.414, 101.399

■ 50, 24.142, 98.093

■ 54, 0.812, 282.595

■ 49, 30.240, 96.959

■ 55, 6.995, 283.502

■ 49, 36.091, 95.822

■ 56, 13.128,
284.472

■ 48, 41.492, 94.691

■ 57, 19.205,
285.404

■ 47, 46.136, 93.563

■ 47, 49.625, 92.424

■ 58, 25.226,
286.292

■ 46, 52.028, 91.272

■ 59, 31.191,
287.137

■ 46, 52.357, 91.128

■ 60, 37.099,
287.938

■ 61, 42.951,
288.695

Harmonies

Complementary

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



52, 11.668, 100.318



46, 11.956, 284.586

Rectangle

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



52, 11.668, 100.318



52, 11.668, 150.318



52, 11.668, 280.318



52, 11.668, 330.318

Sweetspot

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



52, 11.669, 100.325



67, 4.593, 101.665



47, 10.344, 7.558



35, 3.071, 101.612



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, 11.669, 100.325



66, 16.922, 99.908



52, 14.220, 122.068



26, 3.486, 101.359



46, 52.093, 91.138



0, 0.000, 0.000

Inverse Universe

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



46, 11.956, 284.586



57, 17.429, 285.122



46, 14.699, 304.111



25, 3.532, 283.365



16, 70.592, 302.689



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 11.668, 100.318 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, 11.668, 100.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

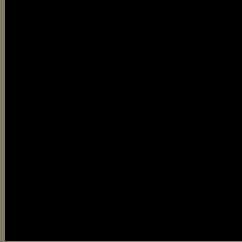
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

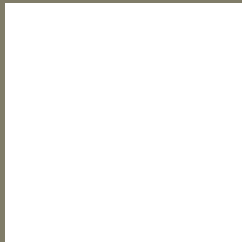
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 11.668, 100.318

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.668, 100.318.



This preview shows how white text looks on a background with the CIELCh color 52, 11.668, 100.318.

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

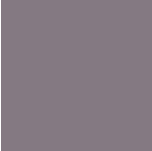
52, 11.668, 100.318

Protanopia

52, 11.922, 94.201

Deuteranopia

52, 13.228, 57.708



Tritanopia
52, 6.839, 330.359

Trichromacy



Original Color
52, 11.668, 100.318

Protanomaly
52, 11.822, 96.214

Deuteranomaly
52, 11.829, 70.939

Tritanomaly
52, 3.700, 28.681

Monochromacy



Original Color
52, 11.668, 100.318

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.641, 104.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.668, 100.318 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(128, 124, 104)` looks like.

```
.text, #text, p{  
    color:rgb(128, 124, 104)  
}
```

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(128, 124, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 124, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.668, 100.318 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(128, 124, 104) }
```

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

```
.border{ border-color:rgb(128, 124, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 124, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 124, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 124, 104);  
box-shadow:4px 4px 4px 4px rgb(128, 124,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.668, 100.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 124, 104) }
```

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

```
.background{ background-color: rgb(128,  
124, 104) }
```

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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