

Converting Colors

CIELCh(52, 5.156, 211.190)

Have a look what the booklet for
CIELCh(52, 5.156, 211.190) contains.

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Color

CIELCh(52, 5.123, 212.113)

Conversions

Conversions Part 1

Format	Color
Hex	717E80
RGB	113, 126, 128
RGB Percent	44%, 49%, 50%
CMY	0.5552, 0.5041, 0.4963
CMYK	0.12, 0.02, 0.00, 0.50
HSL	188°, 6%, 47%
HSV	188°, 12%, 50%
XYZ	18.3088, 20.1443, 23.4980
YIQ	122.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

Format	Color
RYB	113, 120, 128
Decimal	7437952
CIELab	52.00, -4.34, -2.72
CIElCh	52, 5.123, 212.113
Yxy	20.1443, 0.2955, 0.3252
Android (android.graphics.Color)	4285628032 (0xFF717E80)
YUV	122.3410, 2.7899, -8.1921
Hunter-Lab	44.8824, -5.7293, 0.3767

Details

The CIELCh color **52, 5.123, 212.113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 5.512, 32.116**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 5.197, 211.215**, and **32, 5.097, 213.214** is the 20% darker color. If you saturate the color by 10%, you get **51, 9.237, 212.157**, and if you desaturate by 10%, it is **53, 0.757, 212.558**.

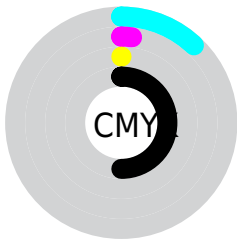
Distribution



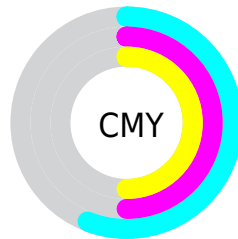
- Red (44%)
- Green (49%)
- Blue (50%)



- Red (44%)
- Yellow (47%)
- Blue (50%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 5.123, 212.113 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, 5.123, 212.113 by changing the saturation by 10% instead.

■ 52, 5.123, 212.113

■ 52, 5.123, 212.113

■ 100, 5.123,
212.113

■ 42, 5.123, 212.113

■ 72, 5.123, 212.113

■ 32, 5.123, 212.113

■ 82, 5.123, 212.113

■ 22, 5.123, 212.113

■ 92, 5.123, 212.113

■ 12, 5.123, 212.113

■ 2, 5.123, 212.113

■ 0, 5.123, 212.113

■ 52, 5.123, 212.113

■ 52, 5.123, 212.113

■ 51, 9.237, 212.157

■ 53, 0.757, 212.558

■ 49, 13.035,

■ 55, 3.806, 32.013

212.366

57, 8.517, 32.222

48, 16.449,
212.741

58, 13.333, 32.435

47, 19.415,
213.317

60, 18.222, 32.674

46, 21.873,
214.135

62, 23.156, 32.935

45, 23.782,
215.243

64, 28.112, 33.210

44, 25.126,
216.691

66, 33.075, 33.495

43, 25.926,
218.527

43, 26.377,
220.219

Harmonies

Complementary

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



52, 5.123, 212.113



50, 5.512, 32.116

Rectangle

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



52, 5.123, 212.113



52, 5.123, 262.113



52, 5.123, 32.113



52, 5.123, 82.113

Sweetspot

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



52, 5.123, 212.099



67, 2.201, 212.238



52, 9.815, 147.101



35, 1.574, 212.206



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, 5.123, 212.099



65, 7.509, 212.098



50, 5.808, 268.466



26, 2.473, 212.114



42, 26.238, 220.200



0, 0.000, 0.000

Inverse Universe

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



50, 9.722, 328.944



62, 14.369, 329.100



52, 5.854, 85.464



25, 4.655, 328.789



29, 62.480, 334.142



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 5.123, 212.113 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, 5.123, 212.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

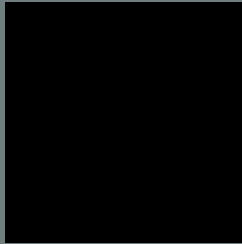
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

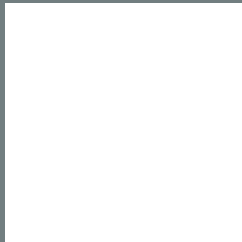
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 5.123, 212.113

Background



This preview shows how black text looks on a background with the CIELCh color 52, 5.123, 212.113.



This preview shows how white text looks on a background with the CIELCh color 52, 5.123, 212.113.

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, 5.123, 212.113

Protanopia

52, 2.470, 309.165

Deuteranopia

52, 7.803, 332.199



Tritanopia
52, 6.853, 257.399

Trichromacy



Original Color
52, 5.123, 212.113

Protanomaly
52, 2.589, 263.502

Deuteranomaly
52, 4.388, 311.719

Tritanomaly
52, 6.034, 241.561

Monochromacy



Original Color
52, 5.123, 212.113

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.675, 219.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 5.123, 212.113 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(113, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 126, 128)  
}
```

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(113, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 126, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 5.123, 212.113 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(113, 126, 128) }
```

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

```
.border{ border-color:rgb(113, 126, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 126, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 126, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 126, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 126,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 5.123, 212.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 126, 128) }
```

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

```
.background{ background-color: rgb(113,  
126, 128) }
```

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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