

Converting Colors

CIELCh(52, 11.668, 4.840)

Have a look what the booklet for
CIELCh(52, 11.668, 4.840) contains.

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Color

CIELCh(52, 11.578, 3.385)

Conversions

Conversions Part 1

Format	Color
Hex	90757B
RGB	144, 117, 123
RGB Percent	56%, 46%, 48%
CMY	0.4346, 0.5405, 0.5169
CMYK	0.00, 0.19, 0.15, 0.43
HSL	347°, 11%, 51%
HSV	347°, 19%, 57%
XYZ	21.5021, 20.1443, 21.5523
YIQ	125.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

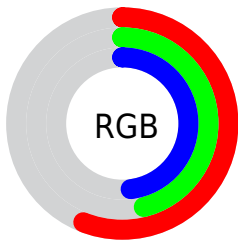
Format	Color
R_{YB}	144, 117, 123
Decimal	9467259
CIE _{Lab}	52.00, 11.56, 0.68
CIE _{LCh}	52, 11.578, 3.385
Y _{xy}	20.1443, 0.3402, 0.3187
Android (android.graphics.Color)	4287657339 (0xFF90757B)
Y _{UV}	125.7570, -1.3592, 15.9991
Hunter-Lab	44.8824, 6.9707, 2.9470

Details

The CIELCh color $52, 11.578, 3.385$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 10.813, 179.935$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 11.564, 4.110$, and $32, 11.226, 5.128$ is the 20% darker color. If you saturate the color by 10%, you get $48, 18.139, 4.640$, and if you desaturate by 10%, it is $56, 5.269, 2.302$.

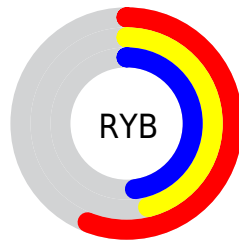
Distribution



Red (56%)

Green (46%)

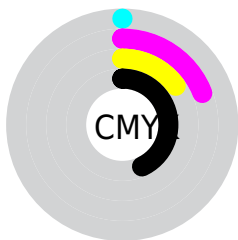
Blue (48%)



Red (56%)

Yellow (46%)

Blue (48%)

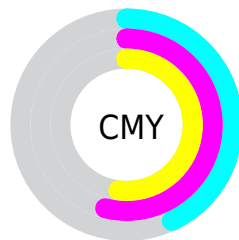


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (43%)



Cyan (43%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 11.578, 3.385 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, 11.578, 3.385 by changing the saturation by 10% instead.

■ 52, 11.578, 3.385 ■ 52, 11.578, 3.385

■ 100, 11.578, 3.385 ■ 42, 11.578, 3.385

■ 72, 11.578, 3.385 ■ 32, 11.578, 3.385

■ 82, 11.578, 3.385 ■ 22, 11.578, 3.385

■ 92, 11.578, 3.385 ■ 12, 11.578, 3.385

■ 2, 11.578, 3.385

■ 0, 11.578, 3.385

■ 52, 11.578, 3.385 ■ 52, 11.578, 3.385

■ 48, 18.139, 4.640 ■ 56, 5.269, 2.302

■ 44, 24.877, 6.133 ■ 60, 0.744, 182.005

41, 31.650, 7.958

65, 6.455, 180.747

37, 38.254, 10.226

69, 11.870,
180.023

34, 44.435, 13.077

73, 17.008,
179.390

32, 49.948, 16.656

31, 54.650, 21.051

78, 21.891,
178.824

30, 58.799, 25.949

82, 26.543,
178.311

30, 59.355, 26.527

86, 30.986,
177.844

91, 35.241,
177.415

Harmonies

Complementary

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



52, 11.578, 3.385



58, 10.813, 179.935

Rectangle

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



52, 11.578, 3.385



52, 11.578, 53.385



52, 11.578, 183.385



52, 11.578, 233.385

Sweetspot

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



52, 11.576, 3.390



73, 4.483, 2.022



52, 17.642, 318.587



38, 2.968, 2.083



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 11.576, 3.390



65, 17.077, 3.834



54, 9.266, 46.546



28, 3.385, 2.348



27, 56.473, 26.158



0, 2.238, 1.576

Inverse Universe

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



52, 11.576, 3.390



65, 17.077, 3.834



56, 8.301, 228.741



28, 3.385, 2.348



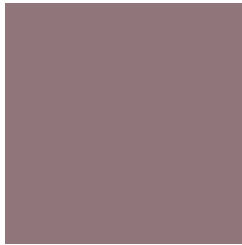
27, 56.473, 26.158



0, 2.238, 1.576

Previews

White Background



This preview shows how the CIELCh color 52, 11.578, 3.385 looks on a white background.

Color Contrast Check

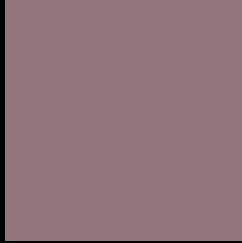
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.578, 3.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

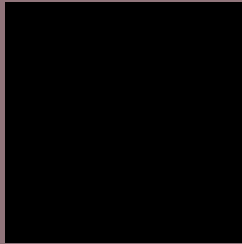
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 11.578, 3.385

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.578, 3.385.



This preview shows how white text looks on a background with the CIELCh color 52, 11.578, 3.385.

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, 11.578, 3.385

Protanopia

52, 1.927, 314.699

Deuteranopia

52, 7.137, 6.137



Tritanopia
52, 12.498, 356.355

Trichromacy



Original Color
52, 11.578, 3.385

Protanomaly
52, 5.005, 352.372

Deuteranomaly
52, 8.879, 5.346

Tritanomaly
52, 12.299, 358.841

Monochromacy



Original Color
52, 11.578, 3.385

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.200, 3.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.578, 3.385 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(144, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(144, 117, 123)  
}
```

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(144, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 117, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.578, 3.385 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(144, 117, 123) }
```

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

```
.border{ border-color:rgb(144, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 117,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.578, 3.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 117, 123) }
```

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

```
.background{ background-color: rgb(144,  
117, 123) }
```

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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