

Converting Colors

CIELCh(51, 12.181, 1.450)

Have a look what the booklet for
CIELCh(51, 12.181, 1.450) contains.

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Color

CIELCh(51, 12.181, 1.450)

Conversions

Conversions Part 1

Format	Color
Hex	8E7279
RGB	142, 114, 121
RGB Percent	56%, 45%, 47%
CMY	0.4419, 0.5518, 0.5243
CMYK	0.00, 0.20, 0.15, 0.44
HSL	345°, 11%, 50%
HSV	345°, 20%, 56%
XYZ	20.7300, 19.2686, 20.8127
YIQ	123.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

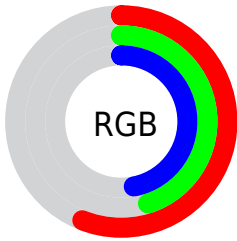
Format	Color
R_{YB}	142, 114, 121
Decimal	9335417
CIE _{Lab}	51.00, 12.18, 0.31
CIE _{LCh}	51, 12.181, 1.450
Yxy	19.2686, 0.3409, 0.3169
Android (android.graphics.Color)	4287525497 (0xFF8E7279)
YUV	123.1700, -1.0698, 16.5139
Hunter-Lab	43.8960, 7.4789, 2.6156

Details

The CIELCh color **51, 12.181, 1.450** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 11.406, 177.764**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 12.116, 2.215**, and **31, 12.048, 0.070** is the 20% darker color. If you saturate the color by 10%, you get **47, 18.721, 2.716**, and if you desaturate by 10%, it is **55, 5.862, 0.357**.

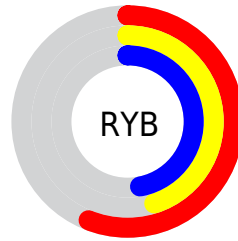
Distribution



Red (56%)

Green (45%)

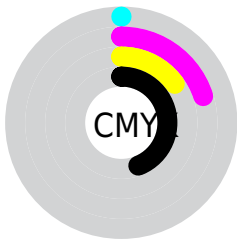
Blue (47%)



Red (56%)

Yellow (45%)

Blue (47%)

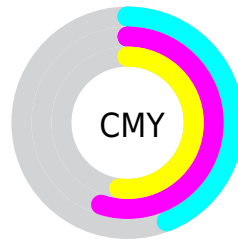


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 12.181, 1.450 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 51, 12.181, 1.450 by changing the saturation by 10% instead.

 51, 12.181, 1.450  51, 12.181, 1.450

 100, 12.181, 1.450  41, 12.181, 1.450

 71, 12.181, 1.450  31, 12.181, 1.450

 81, 12.181, 1.450  21, 12.181, 1.450

 91, 12.181, 1.450  11, 12.181, 1.450

 1, 12.181, 1.450

 0, 12.181, 1.450

 51, 12.181, 1.450  51, 12.181, 1.450

 47, 18.721, 2.716  55, 5.862, 0.357

 43, 25.395, 4.218  59, 0.184, 181.594

40, 32.052, 6.047

64, 5.944, 178.760

37, 38.474, 8.315

68, 11.420,
178.012

34, 44.399, 11.163

72, 16.628,
177.359

32, 49.579, 14.741

30, 53.887, 19.153

76, 21.586,
176.773

29, 57.705, 24.026

81, 26.317,
176.241

29, 57.834, 24.170

85, 30.841,
175.754

89, 35.180,
175.307

Harmonies

Complementary

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



51, 12.181, 1.450



57, 11.406, 177.764

Rectangle

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



51, 12.181, 1.450



51, 12.181, 51.450



51, 12.181, 181.450



51, 12.181, 231.450

Sweetspot

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



51, 12.179, 1.455



72, 4.486, 359.976



51, 18.279, 318.111



38, 3.003, 0.039



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 12.179, 1.455



63, 18.668, 2.039



53, 9.730, 44.635



28, 3.424, 0.304



28, 55.597, 23.870



0, 2.267, 359.523

Inverse Universe

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



51, 12.179, 1.455



63, 18.668, 2.039



55, 8.639, 226.630



28, 3.424, 0.304



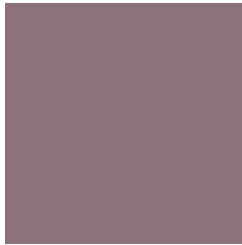
28, 55.597, 23.870



0, 2.267, 359.523

Previews

White Background



This preview shows how the CIELCh color 51, 12.181, 1.450 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 51, 12.181, 1.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

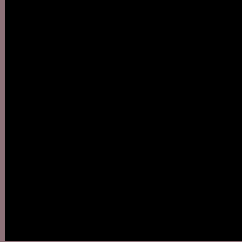
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 12.181, 1.450

Background



This preview shows how black text looks on a background with the CIELCh color 51, 12.181, 1.450.



This preview shows how white text looks on a background with the CIELCh color 51, 12.181, 1.450.

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

51, 12.181, 1.450

Protanopia

51, 2.477, 309.168

Deuteranopia

51, 6.758, 5.241



Tritanopia
51, 12.931, 357.226

Trichromacy



Original Color
51, 12.181, 1.450

Protanomaly
51, 5.316, 346.822

Deuteranomaly
51, 8.506, 4.578

Tritanomaly
51, 12.741, 359.651

Monochromacy



Original Color
51, 12.181, 1.450

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.219, 3.846

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 51, 12.181, 1.450 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(142, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 121)  
}
```

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(142, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 12.181, 1.450 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(142, 114, 121) }
```

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

```
.border{ border-color:rgb(142, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 12.181, 1.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 121) }
```

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

```
.background{ background-color: rgb(142,  
114, 121) }
```

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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