

Converting Colors

CIELCh(51, 22.151, 11.193)

Have a look what the booklet for
CIELCh(51, 22.151, 11.193) contains.

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Color

CIELCh(51, 21.793, 11.577)

Conversions

Conversions Part 1

Format	Color
Hex	9F6C73
RGB	159, 108, 115
RGB Percent	62%, 42%, 45%
CMY	0.3773, 0.5772, 0.5498
CMYK	0.00, 0.32, 0.28, 0.38
HSL	352°, 21%, 52%
HSV	352°, 32%, 62%
XYZ	22.6837, 19.2686, 18.6864
YIQ	124.0470, 28.1490, 12.9890

Conversions

Conversions Part 2

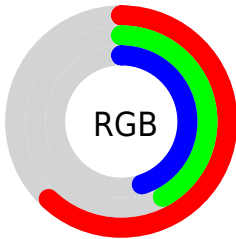
Format	Color
R_{YB}	159, 108, 115
Decimal	10447987
CIE _{Lab}	51.00, 21.35, 4.37
CIE _{LCh}	51, 21.793, 11.577
Yxy	19.2686, 0.3741, 0.3178
Android (android.graphics.Color)	4288638067 (0xFF9F6C73)
YUV	124.0470, -4.4602, 30.6538
Hunter-Lab	43.8960, 15.4234, 5.4877

Details

The CIELCh color **51, 21.793, 11.577** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 18.607, 185.488**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 21.856, 11.535**, and **31, 21.616, 11.993** is the 20% darker color. If you saturate the color by 10%, you get **47, 29.228, 13.201**, and if you desaturate by 10%, it is **55, 14.611, 10.265**.

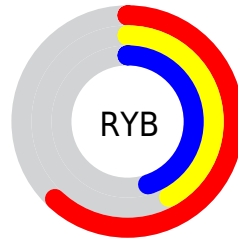
Distribution



Red (62%)

Green (42%)

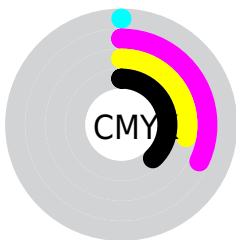
Blue (45%)



Red (62%)

Yellow (42%)

Blue (45%)

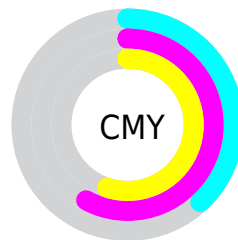


Cyan (0%)

Magenta (32%)

Yellow (28%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 21.793, 11.577 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, 21.793, 11.577 by changing the saturation by 10% instead.

■ 51, 21.793, 11.577

■ 51, 21.793, 11.577

■ 100, 21.793,
11.577

■ 41, 21.793, 11.577

■ 71, 21.793, 11.577

■ 31, 21.793, 11.577

■ 81, 21.793, 11.577

■ 21, 21.793, 11.577

■ 91, 21.793, 11.577

■ 11, 21.793, 11.577

■ 1, 21.793, 11.577

■ 0, 21.793, 11.577

■ 51, 21.793, 11.577

■ 51, 21.793, 11.577

■ 47, 29.228, 13.201

■ 55, 14.611, 10.265

■ 43, 36.770, 15.228

■ 60, 7.773, 9.164

40, 44.199, 17.789

64, 1.313, 7.985

37, 51.257, 21.015

69, 4.765, 187.653

35, 57.713, 24.983

74, 10.479,
186.944

33, 63.418, 29.593

79, 15.854,
186.355

33, 67.551, 33.133

83, 20.924,
185.841

88, 25.718,
185.385

93, 30.267,
184.976

Harmonies

Complementary

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



51, 21.793, 11.577



62, 18.607, 185.488

Rectangle

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



51, 21.793, 11.577



51, 21.793, 61.577



51, 21.793, 191.577



51, 21.793, 241.577

Sweetspot

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



51, 21.791, 11.581



77, 7.910, 8.969



52, 33.571, 321.726



40, 5.461, 9.104



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 21.791, 11.581



62, 33.376, 12.786



55, 17.772, 55.202



31, 3.587, 8.873



29, 62.184, 32.638



1, 4.563, 8.711

Inverse Universe

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



51, 21.791, 11.581



62, 33.376, 12.786



57, 15.008, 241.643



31, 3.587, 8.873



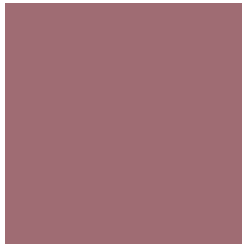
29, 62.184, 32.638



1, 4.563, 8.711

Previews

White Background



This preview shows how the CIELCh color 51, 21.793, 11.577 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 51, 21.793, 11.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

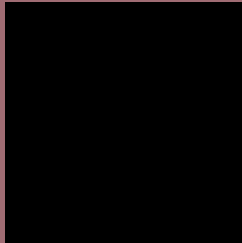
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 21.793, 11.577

Background



This preview shows how black text looks on a background with the CIELCh color 51, 21.793, 11.577.



This preview shows how white text looks on a background with the CIELCh color 51, 21.793, 11.577.

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, 21.793, 11.577

Protanopia

51, 1.346, 353.659

Deuteranopia

51, 8.488, 40.073



Tritanopia
51, 21.834, 10.076

Trichromacy



Original Color
51, 21.793, 11.577

Protanomaly
51, 8.812, 9.044

Deuteranomaly
51, 13.040, 20.906

Tritanomaly
51, 21.834, 10.076

Monochromacy



Original Color
51, 21.793, 11.577

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 7.968, 7.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 21.793, 11.577 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(159, 108, 115)` looks like.

```
.text, #text, p{  
    color:rgb(159, 108, 115)  
}
```

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(159, 108, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 108, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 21.793, 11.577 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(159, 108, 115) }
```

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

```
.border{ border-color:rgb(159, 108, 115) }
```

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

Here you see how a box with a 4 pixel rgb(159, 108, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 108, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 108, 115);  
box-shadow:4px 4px 4px 4px rgb(159, 108,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 21.793, 11.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 108, 115) }
```

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

```
.background{ background-color: rgb(159,  
108, 115) }
```

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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