

Converting Colors

CIELCh(51, 17.711, 21.500)

Have a look what the booklet for
CIELCh(51, 17.711, 21.500) contains.

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Color

CIELCh(51, 17.904, 21.535)

Conversions

Conversions Part 1

Format	Color
Hex	996F6F
RGB	153, 111, 111
RGB Percent	60%, 44%, 44%
CMY	0.4002, 0.5649, 0.5649
CMYK	0.00, 0.27, 0.27, 0.40
HSL	0°, 17%, 52%
HSV	0°, 27%, 60%
XYZ	21.6689, 19.2686, 17.5993
YIQ	123.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

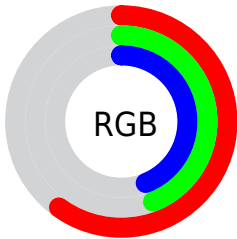
Format	Color
R_{YB}	153, 111, 111
Decimal	10055535
CIE _{Lab}	51.00, 16.65, 6.57
CIE _{LCh}	51, 17.904, 21.535
Yxy	19.2686, 0.3702, 0.3292
Android (android.graphics.Color)	4288245615 (0xFF996F6F)
YUV	123.5580, -6.1911, 25.8206
Hunter-Lab	43.8960, 11.2970, 6.9560

Details

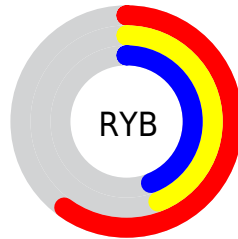
The CIELCh color **51, 17.904, 21.535** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 14.938, 198.075**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 17.764, 20.987**, and **31, 18.002, 22.594** is the 20% darker color. If you saturate the color by 10%, you get **47, 25.309, 22.792**, and if you desaturate by 10%, it is **55, 10.961, 20.566**.

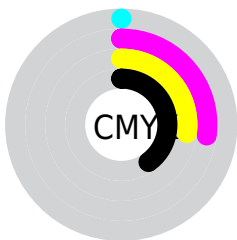
Distribution



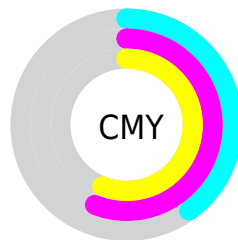
- Red (60%)
- Green (44%)
- Blue (44%)



- Red (60%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 17.904, 21.535 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, 17.904, 21.535 by changing the saturation by 10% instead.

■ 51, 17.904, 21.535

■ 51, 17.904, 21.535

■ 100, 17.904,
21.535

■ 41, 17.904, 21.535

■ 71, 17.904, 21.535

■ 31, 17.904, 21.535

■ 81, 17.904, 21.535

■ 21, 17.904, 21.535

■ 91, 17.904, 21.535

■ 11, 17.904, 21.535

■ 1, 17.904, 21.535

■ 0, 17.904, 21.535

■ 51, 17.904, 21.535

■ 51, 17.904, 21.535

■ 47, 25.309, 22.792

■ 55, 10.961, 20.566

■ 43, 33.106, 24.417

■ 60, 4.506, 19.763

39, 41.151, 26.519

64, 1.476, 199.588

36, 49.227, 29.184

69, 7.017, 198.886

34, 57.034, 32.407

74, 12.159,
198.491

32, 64.094, 35.905

78, 16.945,
198.184

31, 69.603, 38.883

31, 70.906, 39.525

83, 21.418,
197.937

88, 25.616,
197.735

92, 29.573,
197.567

Harmonies

Complementary

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



51, 17.904, 21.535



60, 14.938, 198.075

Rectangle

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



51, 17.904, 21.535



51, 17.904, 71.535



51, 17.904, 201.535



51, 17.904, 251.535

Sweetspot

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



51, 17.902, 21.540



76, 6.003, 19.818



52, 28.960, 325.895



39, 4.278, 19.928



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



51, 17.902, 21.540



62, 27.258, 22.278



56, 15.019, 72.089



30, 3.439, 19.901



28, 66.112, 39.050



1, 3.595, 19.410

Inverse Universe

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



60, 14.938, 198.075



76, 21.721, 197.809



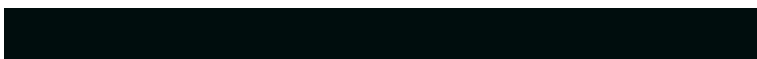
54, 13.960, 259.512



32, 3.249, 199.005



53, 32.117, 196.396



3, 3.595, 199.428

Previews

White Background



This preview shows how the CIELCh color 51, 17.904, 21.535 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, 17.904, 21.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

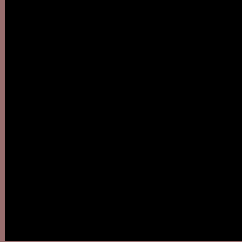
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 17.904, 21.535

Background



This preview shows how black text looks on a background with the CIELCh color 51, 17.904, 21.535.



This preview shows how white text looks on a background with the CIELCh color 51, 17.904, 21.535.

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, 17.904, 21.535

Protanopia

51, 3.320, 80.253

Deuteranopia

51, 9.802, 44.620



Tritanopia
51, 18.865, 7.670

Trichromacy



Original Color
51, 17.904, 21.535

Protanomaly
51, 7.709, 33.185

Deuteranomaly
51, 12.286, 34.238

Tritanomaly
51, 18.704, 12.897

Monochromacy



Original Color
51, 17.904, 21.535

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 6.573, 20.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 17.904, 21.535 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(153, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(153, 111, 111)  
}
```

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(153, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 111, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 17.904, 21.535 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(153, 111, 111) }
```

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

```
.border{ border-color:rgb(153, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(153, 111,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 17.904, 21.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 111, 111) }
```

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

```
.background{ background-color: rgb(153,  
111, 111) }
```

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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