

Converting Colors

CIELCh(51, 5.808, 18.836)

Have a look what the booklet for
CIELCh(51, 5.808, 18.836) contains.

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Color

CIELCh(51, 5.747, 19.992)

Conversions

Conversions Part 1

Format	Color
Hex	847676
RGB	132, 118, 118
RGB Percent	52%, 46%, 46%
CMY	0.4812, 0.5361, 0.5361
CMYK	0.00, 0.11, 0.11, 0.48
HSL	0°, 6%, 49%
HSV	0°, 11%, 52%
XYZ	19.3611, 19.2686, 19.9278
YIQ	122.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

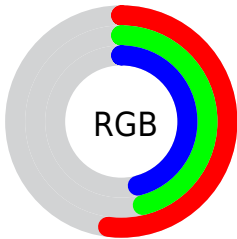
Format	Color
R_{YB}	132, 118, 118
Decimal	8681078
CIE Lab	51.00, 5.40, 1.96
CIE LCh	51, 5.747, 19.992
Yxy	19.2686, 0.3306, 0.3291
Android (android.graphics.Color)	4286871158 (0xFF847676)
YUV	122.1860, -2.0637, 8.6069
Hunter-Lab	43.8960, 1.9123, 3.8109

Details

The CIELCh color $51, 5.747, 19.992$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 5.387, 198.943$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 5.738, 19.819$, and $31, 5.423, 20.243$ is the 20% darker color. If you saturate the color by 10%, you get $47, 11.605, 20.831$, and if you desaturate by 10%, it is $55, 0.308, 18.136$.

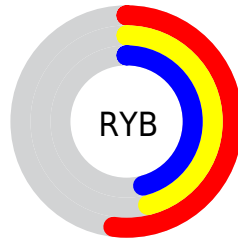
Distribution



Red (52%)

Green (46%)

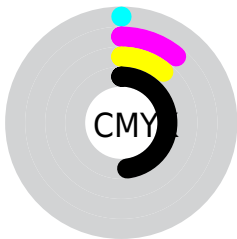
Blue (46%)



Red (52%)

Yellow (46%)

Blue (46%)

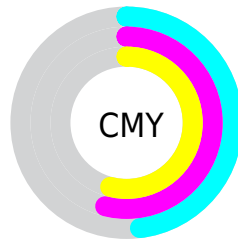


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.747, 19.992 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, 5.747, 19.992 by changing the saturation by 10% instead.

■ 51, 5.747, 19.992 ■ 51, 5.747, 19.992

■ 100, 5.747, 19.992 ■ 41, 5.747, 19.992

■ 71, 5.747, 19.992 ■ 31, 5.747, 19.992

■ 81, 5.747, 19.992 ■ 21, 5.747, 19.992

■ 91, 5.747, 19.992 ■ 11, 5.747, 19.992

■ 1, 5.747, 19.992

■ 0, 5.747, 19.992

■ 51, 5.747, 19.992 ■ 51, 5.747, 19.992

■ 47, 11.605, 20.831 ■ 55, 0.308, 18.136

■ 43, 17.889, 21.860 ■ 59, 4.734, 199.056

40, 24.568, 23.184

63, 9.413, 198.623

36, 31.563, 24.896

67, 13.768,
198.295

33, 38.735, 27.097

71, 17.835,
198.032

31, 45.880, 29.859

29, 52.718, 33.135

76, 21.650,
197.818

27, 58.733, 36.517

80, 25.242,
197.641

27, 63.006, 38.645

84, 28.641,
197.493

88, 31.869,
197.368

Harmonies

Complementary

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



51, 5.747, 19.992



54, 5.387, 198.943

Rectangle

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



51, 5.747, 19.992



51, 5.747, 69.992



51, 5.747, 199.992



51, 5.747, 249.992

Sweetspot

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



51, 5.746, 20.006



68, 1.951, 19.347



51, 9.886, 324.981



36, 1.494, 19.440



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 5.746, 20.006



63, 8.785, 20.215



53, 4.945, 74.124



26, 3.049, 19.894



26, 62.116, 38.512



0, 0.707, 19.420

Inverse Universe

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



54, 5.387, 198.943



68, 8.096, 198.793



52, 4.827, 256.809



28, 2.885, 199.028



49, 30.401, 196.414



1, 0.707, 199.437

Previews

White Background



This preview shows how the CIELCh color 51, 5.747, 19.992 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, 5.747, 19.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

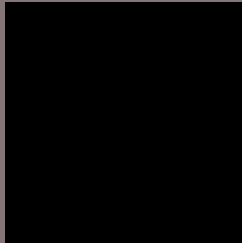
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 5.747, 19.992

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.747, 19.992.



This preview shows how white text looks on a background with the CIELCh color 51, 5.747, 19.992.

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, 5.747, 19.992

Protanopia

51, 1.336, 45.004

Deuteranopia

51, 6.584, 20.096



Tritanopia
51, 8.311, 341.317

Trichromacy



Original Color
51, 5.747, 19.992

Protanomaly
51, 2.900, 31.124

Deuteranomaly
51, 6.165, 20.044

Tritanomaly
51, 7.372, 352.017

Monochromacy



Original Color
51, 5.747, 19.992

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 2.018, 19.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.747, 19.992 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(132, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 118)  
}
```

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(132, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.747, 19.992 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(132, 118, 118) }
```

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

```
.border{ border-color:rgb(132, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.747, 19.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 118, 118) }
```

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

```
.background{ background-color: rgb(132,  
118, 118) }
```

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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