

Converting Colors

CIELCh(51, 6.247, 355.445)

Have a look what the booklet for
CIELCh(51, 6.247, 355.445) contains.

CIELCh(51, 6.148, 357.880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 6.148, 357.880)

Conversions

Conversions Part 1

Format	Color
Hex	84767A
RGB	132, 118, 122
RGB Percent	52%, 46%, 48%
CMY	0.4823, 0.5372, 0.5216
CMYK	0.00, 0.11, 0.08, 0.48
HSL	343°, 6%, 49%
HSV	343°, 11%, 52%
XYZ	19.5081, 19.2686, 21.1044
YIQ	122.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

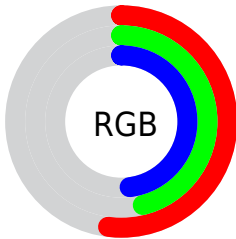
Format	Color
R_{YB}	132, 118, 122
Decimal	8681082
CIE _{Lab}	51.00, 6.14, -0.23
CIE _{LCh}	51, 6.148, 357.880
Yxy	19.2686, 0.3258, 0.3218
Android (android.graphics.Color)	4286871162 (0xFF84767A)
YUV	122.6420, -0.3165, 8.2070
Hunter-Lab	43.8960, 2.5104, 2.2217

Details

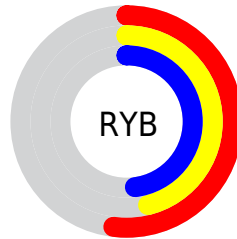
The CIELCh color $51, 6.148, 357.880$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 5.960, 176.082$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 6.107, 358.996$, and $31, 5.679, 0.779$ is the 20% darker color. If you saturate the color by 10%, you get $47, 12.177, 358.979$, and if you desaturate by 10%, it is $55, 0.346, 355.994$.

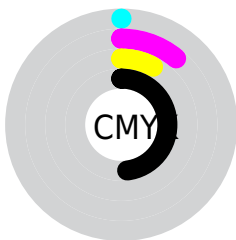
Distribution



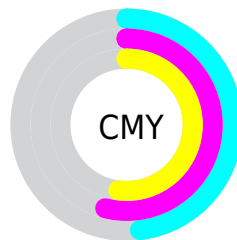
- Red (52%)
- Green (46%)
- Blue (48%)



- Red (52%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.148, 357.880 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, 6.148, 357.880 by changing the saturation by 10% instead.

■ 51, 6.148, 357.880

■ 51, 6.148, 357.880

■ 100, 6.148,
357.880

■ 41, 6.148, 357.880

■ 71, 6.148, 357.880

■ 31, 6.148, 357.880

■ 81, 6.148, 357.880

■ 21, 6.148, 357.880

■ 91, 6.148, 357.880

■ 11, 6.148, 357.880

■ 1, 6.148, 357.880

■ 0, 6.148, 357.880

■ 51, 6.148, 357.880

■ 51, 6.148, 357.880

■ 47, 12.177,
358.979

■ 55, 0.346, 355.994

■ 59, 5.202, 176.273

43, 18.386, 0.229

63, 10.497,
175.509

40, 24.676, 1.708

67, 15.546,
174.842

37, 30.895, 3.496

34, 36.828, 5.703

71, 20.367,
174.240

31, 42.218, 8.466

75, 24.976,
173.692

29, 46.825, 11.937

28, 50.529, 16.240

79, 29.393,
173.189

27, 53.652, 20.641

83, 33.636,
172.726

87, 37.721,
172.297

Harmonies

Complementary

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



51, 6.148, 357.880



54, 5.960, 176.082

Rectangle

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



51, 6.148, 357.880



51, 6.148, 47.880



51, 6.148, 177.880



51, 6.148, 227.880

Sweetspot

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



51, 6.146, 357.888



68, 2.115, 357.035



51, 9.069, 316.146



36, 1.618, 357.141



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, 6.146, 357.888



64, 9.354, 358.171



52, 4.871, 39.208



26, 3.271, 357.735



26, 53.053, 20.550



0, 0.769, 356.962

Inverse Universe

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



51, 6.146, 357.888



64, 9.354, 358.171



53, 4.569, 219.861



26, 3.271, 357.735



26, 53.053, 20.550



0, 0.769, 356.962

Previews

White Background



This preview shows how the CIELCh color 51, 6.148, 357.880 looks on a white background.

Color Contrast Check

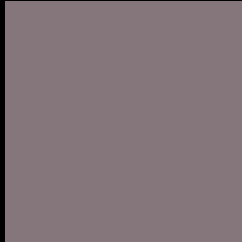
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.148, 357.880 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, 6.148, 357.880

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.148, 357.880.



This preview shows how white text looks on a background with the CIELCh color 51, 6.148, 357.880.

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, 6.148, 357.880

Protanopia

51, 1.935, 314.702

Deuteranopia

51, 6.530, 359.305



Tritanopia
51, 8.311, 341.317

Trichromacy



Original Color
51, 6.148, 357.880

Protanomaly
51, 2.992, 343.928

Deuteranomaly
51, 6.530, 359.305

Tritanomaly
51, 7.967, 344.593

Monochromacy



Original Color
51, 6.148, 357.880

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 2.333, 349.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.148, 357.880 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.148, 357.880 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, 122) }
```

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

```
.border{ border-color:rgb(132, 118, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.148, 357.880 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, 122) }
```

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

```
.background{ background-color: rgb(132,  
118, 122) }
```

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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