

Converting Colors

CIELCh(51, 11.244, 61.722)

Have a look what the booklet for
CIELCh(51, 11.244, 61.722) contains.

CIELCh(51, 11.156, 62.302)	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, 11.156, 62.302)

Conversions

Conversions Part 1

Format	Color
Hex	897669
RGB	137, 118, 105
RGB Percent	54%, 46%, 41%
CMY	0.4631, 0.5375, 0.5885
CMYK	0.00, 0.14, 0.23, 0.46
HSL	24°, 13%, 47%
HSV	24°, 23%, 54%
XYZ	19.3186, 19.2686, 16.0454
YIQ	122.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

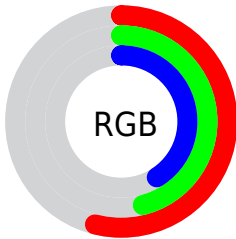
Format	Color
R_{YB}	137, 127, 105
Decimal	9008745
CIE Lab	51.00, 5.19, 9.88
CIE LCh	51, 11.156, 62.302
Yxy	19.2686, 0.3536, 0.3527
Android (android.graphics.Color)	4287198825 (0xFF897669)
YUV	122.1990, -8.4791, 12.9805
Hunter-Lab	43.8960, 1.7396, 9.0548

Details

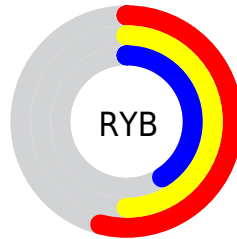
The CIELCh color **51, 11.156, 62.302** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 10.131, 247.607**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 11.305, 62.019**, and **31, 11.254, 62.344** is the 20% darker color. If you saturate the color by 10%, you get **48, 16.430, 61.359**, and if you desaturate by 10%, it is **54, 6.191, 63.274**.

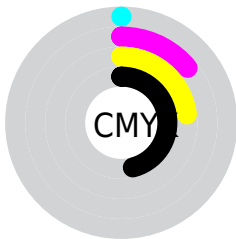
Distribution



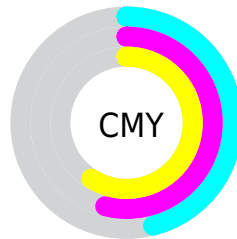
- Red (54%)
- Green (46%)
- Blue (41%)



- Red (54%)
- Yellow (50%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 11.156, 62.302 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, 11.156, 62.302 by changing the saturation by 10% instead.

■ 51, 11.156, 62.302

■ 51, 11.156, 62.302

■ 100, 11.156,
62.302

■ 41, 11.156, 62.302

■ 71, 11.156, 62.302

■ 31, 11.156, 62.302

■ 81, 11.156, 62.302

■ 21, 11.156, 62.302

■ 91, 11.156, 62.302

■ 11, 11.156, 62.302

■ 1, 11.156, 62.302

■ 0, 11.156, 62.302

■ 51, 11.156, 62.302

■ 51, 11.156, 62.302

■ 48, 16.430, 61.359

■ 54, 6.191, 63.274

■ 46, 22.027, 60.434

■ 56, 1.512, 64.107

44, 27.941, 59.543

59, 2.910, 245.440

41, 34.125, 58.675

61, 7.102, 246.363

39, 40.450, 57.780

64, 11.090,
247.320

37, 46.625, 56.731

67, 14.899,
248.264

35, 52.087, 55.261

34, 55.752, 54.539

70, 18.549,
249.184

72, 22.060,
250.076

75, 25.449,
250.936

Harmonies

Complementary

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



51, 11.156, 62.302



51, 10.131, 247.607

Rectangle

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



51, 11.156, 62.302



51, 11.156, 112.302



51, 11.156, 242.302



51, 11.156, 292.302

Sweetspot

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



51, 11.156, 62.312



70, 3.951, 63.845



48, 17.098, 340.419



36, 2.561, 63.805



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 11.156, 62.312



64, 16.870, 61.809



55, 16.427, 103.416



28, 2.593, 63.668



33, 54.398, 54.643



1, 1.176, 64.655

Inverse Universe

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



51, 10.131, 247.607



64, 14.948, 248.452



46, 17.114, 288.597



28, 2.507, 245.736



32, 35.921, 271.702



1, 1.177, 244.671

Previews

White Background



This preview shows how the CIELCh color 51, 11.156, 62.302 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, 11.156, 62.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

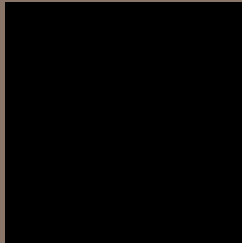
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 11.156, 62.302

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.156, 62.302.

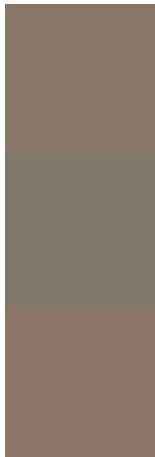


This preview shows how white text looks on a background with the CIELCh color 51, 11.156, 62.302.

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, 11.156, 62.302

Protanopia

51, 8.502, 91.822

Deuteranopia

51, 11.808, 56.115



Tritanopia
51, 11.059, 352.562

Trichromacy



Original Color
51, 11.156, 62.302

Protanomaly
51, 9.381, 79.256

Deuteranomaly
51, 11.454, 57.383

Tritanomaly
51, 9.133, 16.802

Monochromacy



Original Color
51, 11.156, 62.302

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.793, 69.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.156, 62.302 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(137, 118, 105)` looks like.

```
.text, #text, p{  
    color:rgb(137, 118, 105)  
}
```

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(137, 118, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 118, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.156, 62.302 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(137, 118, 105) }
```

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

```
.border{ border-color:rgb(137, 118, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 118, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 118, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 118, 105);  
box-shadow:4px 4px 4px 4px rgb(137, 118,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.156, 62.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 118, 105) }
```

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

```
.background{ background-color: rgb(137,  
118, 105) }
```

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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