

Converting Colors

CIELCh(61, 7.339, 52.088)

Have a look what the booklet for
CIELCh(61, 7.339, 52.088) contains.

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Color

CIELCh(61, 7.548, 51.116)

Conversions

Conversions Part 1

Format	Color
Hex	A09089
RGB	160, 144, 137
RGB Percent	63%, 56%, 54%
CMY	0.3723, 0.4351, 0.4625
CMYK	0.00, 0.10, 0.14, 0.37
HSL	18°, 11%, 58%
HSV	18°, 14%, 63%
XYZ	29.0072, 29.2481, 27.8024
YIQ	147.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

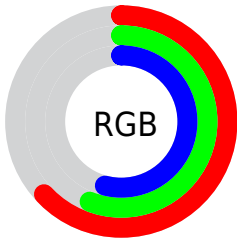
Format	Color
R_{YB}	160, 147, 137
Decimal	10522761
CIE Lab	61.00, 4.74, 5.88
CIE LCh	61, 7.548, 51.116
Yxy	29.2481, 0.3371, 0.3399
Android (android.graphics.Color)	4288712841 (0xFFA09089)
YUV	147.9860, -5.4161, 10.5363
Hunter-Lab	54.0815, 1.0975, 7.3772

Details

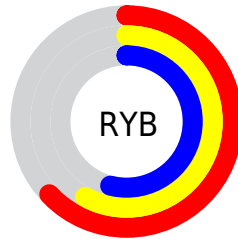
The CIELCh color **61, 7.548, 51.116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 6.985, 233.323**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 7.680, 53.125**, and **41, 7.492, 54.244** is the 20% darker color. If you saturate the color by 10%, you get **58, 13.287, 50.579**, and if you desaturate by 10%, it is **64, 2.212, 51.631**.

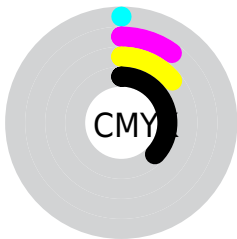
Distribution



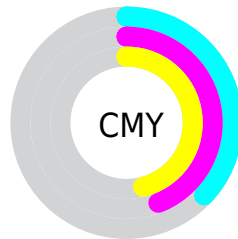
- Red (63%)
- Green (56%)
- Blue (54%)



- Red (63%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (37%)



- Cyan (37%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 7.548, 51.116 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 61, 7.548, 51.116 by changing the saturation by 10% instead.

■ 61, 7.548, 51.116 ■ 61, 7.548, 51.116

■ 100, 7.548, 51.116 ■ 51, 7.548, 51.116

■ 81, 7.548, 51.116 ■ 41, 7.548, 51.116

■ 91, 7.548, 51.116 ■ 31, 7.548, 51.116

■ 21, 7.548, 51.116

■ 11, 7.548, 51.116

■ 1, 7.548, 51.116

■ 0, 7.548, 51.116

■ 61, 7.548, 51.116 ■ 61, 7.548, 51.116

■ 58, 13.287, 50.579 ■ 64, 2.212, 51.631

54, 19.465, 50.090

68, 2.760, 232.655

51, 26.104, 49.696

71, 7.407, 233.260

48, 33.199, 49.412

75, 11.767,
233.954

45, 40.694, 49.235

78, 15.875,
234.662

43, 48.430, 49.116

40, 56.028, 48.897

82, 19.762,
235.370

38, 62.700, 48.212

85, 23.456,
236.069

37, 66.315, 48.015

88, 24.788,
225.773

91, 26.371,
210.141

Harmonies

Complementary

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



61, 7.548, 51.116



62, 6.985, 233.323

Rectangle

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



61, 7.548, 51.116



61, 7.548, 101.116



61, 7.548, 231.116



61, 7.548, 281.116

Sweetspot

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



61, 7.548, 51.132



82, 2.514, 51.637



60, 12.745, 335.237



43, 1.788, 51.621



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 7.548, 51.132



77, 11.222, 50.964



64, 10.364, 98.785



32, 2.885, 51.419



33, 60.703, 48.283



2, 3.672, 50.164

Inverse Universe

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



62, 6.985, 233.323



79, 10.204, 233.602



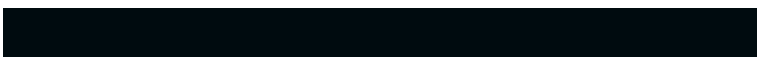
59, 10.528, 282.161



32, 2.750, 232.900



40, 31.714, 255.797



2, 3.665, 236.511

Previews

White Background



This preview shows how the CIELCh color 61, 7.548, 51.116 looks on a white background.

Color Contrast Check

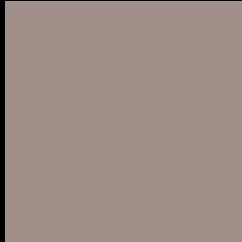
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 7.548, 51.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

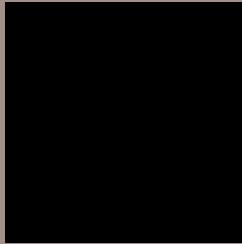
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 7.548, 51.116

Background



This preview shows how black text looks on a background with the CIELCh color 61, 7.548, 51.116.



This preview shows how white text looks on a background with the CIELCh color 61, 7.548, 51.116.

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

61, 7.548, 51.116

Protanopia

61, 5.411, 88.012

Deuteranopia

61, 9.732, 36.890



Tritanopia
61, 9.941, 341.994

Trichromacy



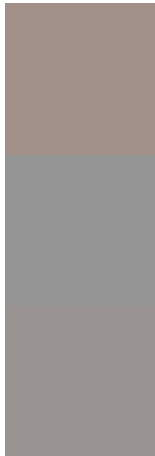
Original Color
61, 7.548, 51.116

Protanomaly
61, 5.738, 70.851

Deuteranomaly
61, 8.761, 42.567

Tritanomaly
61, 7.431, 2.563

Monochromacy



Original Color
61, 7.548, 51.116

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.569, 60.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 7.548, 51.116 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(160, 144, 137)` looks like.

```
.text, #text, p{  
    color:rgb(160, 144, 137)  
}
```

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(160, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 144, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 7.548, 51.116 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(160, 144, 137) }
```

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

```
.border{ border-color:rgb(160, 144, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 144, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(160, 144,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 7.548, 51.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 144, 137) }
```

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

```
.background{ background-color: rgb(160,  
144, 137) }
```

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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