

Converting Colors

CIELCh(57, 14.803, 50.221)

Have a look what the booklet for
CIELCh(57, 14.803, 50.221) contains.

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Color

CIELCh(57, 15.100, 51.958)

Conversions

Conversions Part 1

Format	Color
Hex	A18375
RGB	161, 131, 117
RGB Percent	63%, 51%, 46%
CMY	0.3704, 0.4879, 0.5428
CMYK	0.00, 0.19, 0.27, 0.37
HSL	19°, 19%, 54%
HSV	19°, 27%, 63%
XYZ	25.8526, 24.9227, 20.1484
YIQ	138.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

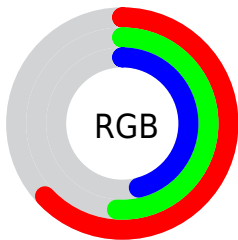
Format	Color
RYB	161, 138, 117
Decimal	10584949
CIELab	57.00, 9.31, 11.89
CIELCh	57, 15.100, 51.958
Yxy	24.9227, 0.3645, 0.3514
Android (android.graphics.Color)	4288775029 (0xFFA18375)
YUV	138.3740, -10.5374, 19.8430
Hunter-Lab	49.9226, 5.0723, 11.0168

Details

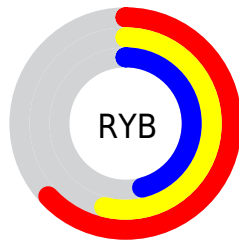
The CIELCh color **57, 15.100, 51.958** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 12.953, 236.615**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 14.982, 52.373**, and **37, 15.156, 52.257** is the 20% darker color. If you saturate the color by 10%, you get **54, 21.399, 51.428**, and if you desaturate by 10%, it is **60, 9.239, 52.572**.

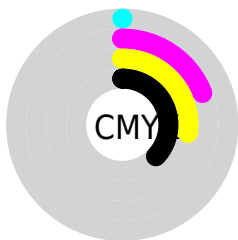
Distribution



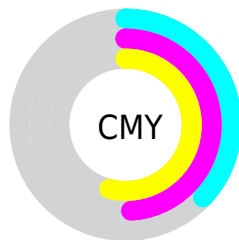
- Red (63%)
- Green (51%)
- Blue (46%)



- Red (63%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 15.100, 51.958 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 57, 15.100, 51.958 by changing the saturation by 10% instead.

■ 57, 15.100, 51.958

■ 57, 15.100, 51.958

■ 100, 15.100,
51.958

■ 47, 15.100, 51.958

■ 77, 15.100, 51.958

■ 37, 15.100, 51.958

■ 87, 15.100, 51.958

■ 27, 15.100, 51.958

■ 97, 15.100, 51.958

■ 17, 15.100, 51.958

■ 7, 15.100, 51.958

■ 0, 15.100, 51.958

■ 57, 15.100, 51.958

■ 57, 15.100, 51.958

■ 54, 21.399, 51.428

■ 60, 9.239, 52.572

■ 51, 28.152, 50.980

■ 64, 3.785, 53.188

48, 35.343, 50.633

67, 1.299, 234.345

45, 42.892, 50.370

70, 6.054, 234.837

42, 50.587, 50.117

74, 10.516,
235.566

40, 57.945, 49.663

77, 14.722,
236.315

38, 64.261, 48.766

38, 65.981, 48.708

81, 18.703,
237.064

84, 22.486,
237.802

87, 24.572,
231.993

Harmonies

Complementary

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



57, 15.100, 51.958



59, 12.953, 236.615

Rectangle

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



57, 15.100, 51.958



57, 15.100, 101.958



57, 15.100, 231.958



57, 15.100, 281.958

Sweetspot

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



57, 15.099, 51.966



81, 5.098, 53.145



54, 24.181, 336.926



42, 3.634, 53.060



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 15.099, 51.966



70, 23.094, 51.621



63, 20.203, 98.307



32, 2.881, 53.082



33, 60.280, 49.017



2, 3.666, 51.784

Inverse Universe

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



59, 12.953, 236.615



73, 19.026, 237.514



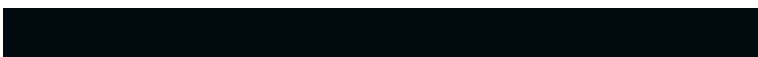
53, 20.906, 285.041



32, 2.750, 234.664



39, 32.415, 258.288



2, 3.671, 238.181

Previews

White Background



This preview shows how the CIELCh color 57, 15.100, 51.958 looks on a white background.

Color Contrast Check

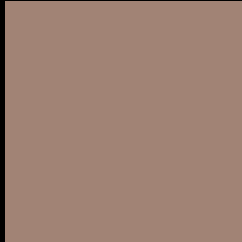
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 15.100, 51.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

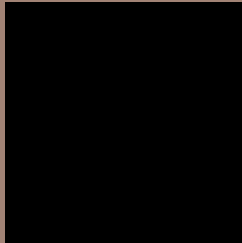
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 15.100, 51.958

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.100, 51.958.



This preview shows how white text looks on a background with the CIELCh color 57, 15.100, 51.958.

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

57, 15.100, 51.958

Protanopia

57, 9.952, 94.609

Deuteranopia

57, 14.377, 59.108



Tritanopia
57, 14.946, 1.167

Trichromacy



Original Color
57, 15.100, 51.958

Protanomaly
57, 10.819, 76.440

Deuteranomaly
57, 14.721, 55.434

Tritanomaly
57, 13.530, 18.452

Monochromacy



Original Color
57, 15.100, 51.958

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 5.266, 52.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 15.100, 51.958 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(161, 131, 117)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 117)  
}
```

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(161, 131, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.100, 51.958 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(161, 131, 117) }
```

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

```
.border{ border-color:rgb(161, 131, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 131, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 117);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.100, 51.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 117) }
```

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

```
.background{ background-color: rgb(161,  
131, 117) }
```

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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