

Converting Colors

CIELCh(57, 16.997, 11.760)

Have a look what the booklet for
CIELCh(57, 16.997, 11.760) contains.

CIELCh(57, 16.997, 11.760)	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(57, 16.997, 11.760)

Conversions

Conversions Part 1

Format	Color
Hex	A77E83
RGB	167, 126, 131
RGB Percent	65%, 49%, 51%
CMY	0.3436, 0.5044, 0.4848
CMYK	0.00, 0.25, 0.22, 0.34
HSL	353°, 19%, 58%
HSV	353°, 25%, 66%
XYZ	27.6487, 24.9227, 24.9570
YIQ	138.8290, 22.8310, 10.2470

Conversions

Conversions Part 2

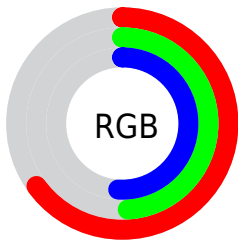
Format	Color
R_{YB}	167, 126, 131
Decimal	10976899
CIE _{Lab}	57.00, 16.64, 3.46
CIE _{LCh}	57, 16.997, 11.760
Yxy	24.9227, 0.3566, 0.3215
Android (android.graphics.Color)	4289166979 (0xFFA77E83)
YUV	138.8290, -3.8597, 24.7060
Hunter-Lab	49.9226, 11.4943, 5.3060

Details

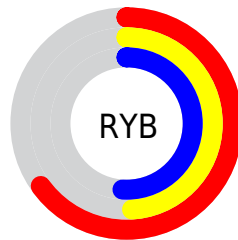
The CIELCh color $57, 16.997, 11.760$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 15.029, 187.445$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 17.043, 11.881$, and $37, 16.763, 11.649$ is the 20% darker color. If you saturate the color by 10%, you get $53, 24.586, 13.143$, and if you desaturate by 10%, it is $62, 9.765, 10.630$.

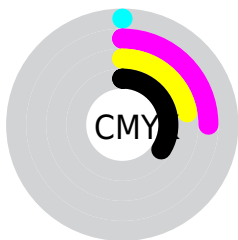
Distribution



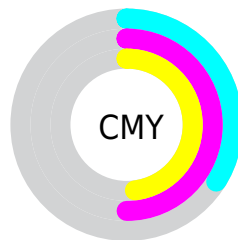
- Red (65%)
- Green (49%)
- Blue (51%)



- Red (65%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 16.997, 11.760 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, 16.997, 11.760 by changing the saturation by 10% instead.

■ 57, 16.997, 11.760

■ 57, 16.997, 11.760

■ 100, 16.997,
11.760

■ 47, 16.997, 11.760

■ 77, 16.997, 11.760

■ 37, 16.997, 11.760

■ 87, 16.997, 11.760

■ 27, 16.997, 11.760

■ 97, 16.997, 11.760

■ 17, 16.997, 11.760

■ 7, 16.997, 11.760

■ 0, 16.997, 11.760

■ 57, 16.997, 11.760

■ 57, 16.997, 11.760

■ 53, 24.586, 13.143

■ 62, 9.765, 10.630

■ 48, 32.436, 14.855

■ 66, 2.941, 9.596

44, 40.372, 17.013

71, 3.470, 189.111

41, 48.156, 19.748

76, 9.485, 188.362

38, 55.516, 23.177

81, 15.133,
187.769

36, 62.224, 27.328

86, 20.448,
187.257

35, 68.099, 31.976

91, 25.463,
186.807

35, 71.097, 34.291

95, 28.060,
191.271

95, 27.454,
197.725

Harmonies

Complementary

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



57, 16.997, 11.760



66, 15.029, 187.445

Rectangle

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



57, 16.997, 11.760



57, 16.997, 61.760



57, 16.997, 191.760



57, 16.997, 241.760

Sweetspot

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



57, 16.995, 11.765



82, 5.685, 9.881



58, 26.841, 321.890



44, 3.730, 9.938



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 16.995, 11.765



70, 25.169, 12.420



61, 13.791, 57.650



33, 3.766, 10.100



30, 64.548, 33.763



1, 6.661, 10.753

Inverse Universe

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



57, 16.995, 11.765



70, 25.169, 12.420



62, 12.242, 242.713



33, 3.766, 10.100



30, 64.548, 33.763



1, 6.661, 10.753

Previews

White Background



This preview shows how the CIELCh color 57, 16.997, 11.760 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, 16.997, 11.760 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, 16.997, 11.760

Background



This preview shows how black text looks on a background with the CIELCh color 57, 16.997, 11.760.



This preview shows how white text looks on a background with the CIELCh color 57, 16.997, 11.760.

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, 16.997, 11.760

Protanopia

57, 1.319, 353.611

Deuteranopia

57, 8.622, 27.772



Tritanopia
57, 17.722, 4.774

Trichromacy



Original Color
57, 16.997, 11.760

Protanomaly
57, 7.012, 6.041

Deuteranomaly
57, 11.440, 20.588

Tritanomaly
57, 17.616, 6.564

Monochromacy



Original Color
57, 16.997, 11.760

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 6.093, 9.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 16.997, 11.760 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(167, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(167, 126, 131)  
}
```

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(167, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 126, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 16.997, 11.760 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(167, 126, 131) }
```

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

```
.border{ border-color:rgb(167, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(167, 126,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 16.997, 11.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 126, 131) }
```

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

```
.background{ background-color: rgb(167,  
126, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor