

Converting Colors

CIELCh(58, 16.280, 178.634)

Have a look what the booklet for
CIELCh(58, 16.280, 178.634)
contains.

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Color

CIELCh(58, 16.609, 177.762)

Conversions

Conversions Part 1

Format	Color
Hex	6A948A
RGB	106, 148, 138
RGB Percent	42%, 58%, 54%
CMY	0.5854, 0.4207, 0.4600
CMYK	0.28, 0.00, 0.07, 0.42
HSL	166°, 17%, 50%
HSV	166°, 28%, 58%
XYZ	21.0204, 25.9610, 27.8382
YIQ	134.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

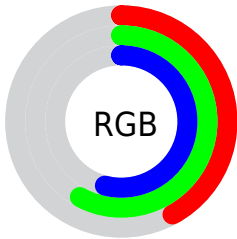
Format	Color
R_{YB}	106, 130, 148
Decimal	6984842
CIE _{Lab}	58.00, -16.60, 0.65
CIE _{LCh}	58, 16.609, 177.762
Yxy	25.9610, 0.2809, 0.3470
Android (android.graphics.Color)	4285174922 (0xFF6A948A)
YUV	134.3020, 1.8231, -24.8209
Hunter-Lab	50.9519, -15.5250, 3.2725

Details

The CIELCh color $58, 16.609, 177.762$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 18.381, 3.426$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.728, 177.488$, and $38, 16.480, 177.594$ is the 20% darker color. If you saturate the color by 10%, you get $57, 21.947, 176.695$, and if you desaturate by 10%, it is $59, 10.953, 178.758$.

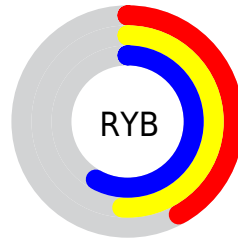
Distribution



Red (42%)

Green (58%)

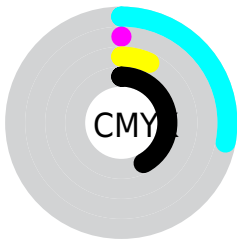
Blue (54%)



Red (42%)

Yellow (51%)

Blue (58%)

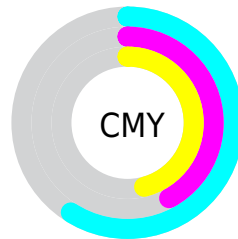


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (59%)


Magenta (42%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.609, 177.762 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 58, 16.609, 177.762 by changing the saturation by 10% instead.


 58, 16.609,
177.762


 58, 16.609,
177.762


 100, 16.609,
177.762


 48, 16.609,
177.762


 78, 16.609,
177.762

 38, 16.609,
177.762

 88, 16.609,
177.762

 28, 16.609,
177.762

 98, 16.609,
177.762

 18, 16.609,
177.762

 8, 16.609, 177.762

 0, 16.609, 177.762

■ 58, 16.609,
177.762

■ 58, 16.609,
177.762

■ 57, 21.947,
176.695

■ 59, 10.953,
178.758

■ 56, 26.869,
175.545

■ 60, 5.070, 179.727

■ 61, 0.957, 0.110

■ 56, 31.283,
174.289

■ 63, 7.056, 1.307

■ 55, 35.111,
172.904

■ 64, 13.172, 2.134

■ 55, 38.306,
171.368

■ 66, 19.257, 2.914

■ 67, 25.280, 3.660

■ 55, 40.861,
169.662

■ 69, 31.216, 4.378

■ 54, 42.903,
167.827

■ 71, 37.050, 5.070

■ 54, 43.217,

167.548

Harmonies

Complementary

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



58, 16.609, 177.762



49, 18.381, 3.426

Rectangle

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



58, 16.609, 177.762



58, 16.609, 227.762



58, 16.609, 357.762



58, 16.609, 47.762

Sweetspot

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



58, 16.610, 177.759



76, 6.678, 179.653



58, 26.911, 135.930



40, 4.671, 179.522



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 16.610, 177.759



73, 24.193, 177.103



55, 12.534, 227.388



31, 3.399, 179.651



51, 40.987, 167.685



2, 3.005, 180.404

Inverse Universe

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



49, 18.381, 3.426



60, 27.429, 4.321



52, 15.003, 44.424



29, 3.508, 1.173



28, 56.765, 24.967



1, 3.005, 0.390

Previews

White Background



This preview shows how the CIELCh color 58, 16.609, 177.762 looks on a white background.

Color Contrast Check

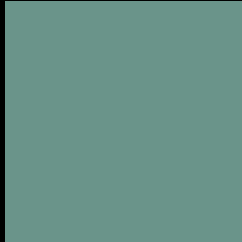
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 16.609, 177.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

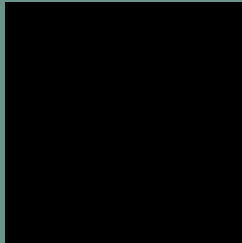
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

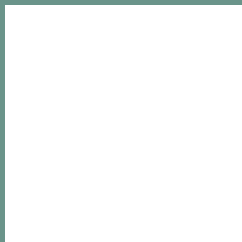
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 16.609, 177.762

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.609, 177.762.

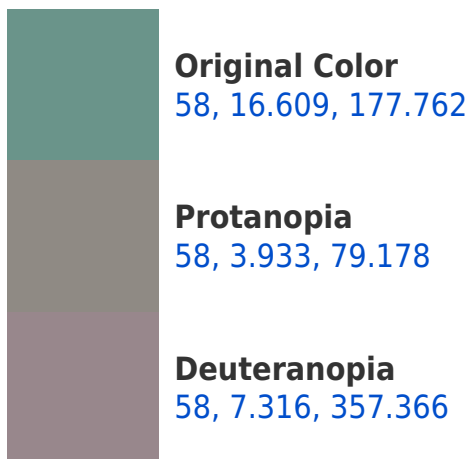


This preview shows how white text looks on a background with the CIELCh color 58, 16.609, 177.762.

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





Tritanopia
58, 13.787, 228.282

Trichromacy



Original Color
58, 16.609, 177.762

Protanomaly
58, 6.856, 157.293

Deuteranomaly
58, 2.028, 183.139

Tritanomaly
58, 13.646, 207.857

Monochromacy



Original Color
58, 16.609, 177.762

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.258, 177.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.609, 177.762 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(106, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(106, 148, 138)  
}
```

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(106, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 148, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.609, 177.762 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(106, 148, 138) }
```

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

```
.border{ border-color:rgb(106, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(106, 148,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.609, 177.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 148, 138) }
```

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

```
.background{ background-color: rgb(106,  
148, 138) }
```

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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