

Converting Colors

CIELCh(57, 15.084, 187.688)

Have a look what the booklet for
CIELCh(57, 15.084, 187.688)
contains.

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Color

CIELCh(57, 14.810, 189.078)

Conversions

Conversions Part 1

Format	Color
Hex	68908C
RGB	104, 144, 140
RGB Percent	41%, 56%, 55%
CMY	0.5908, 0.4339, 0.4496
CMYK	0.28, 0.00, 0.03, 0.43
HSL	174°, 16%, 49%
HSV	174°, 28%, 57%
XYZ	20.5365, 24.9227, 28.6762
YIQ	131.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

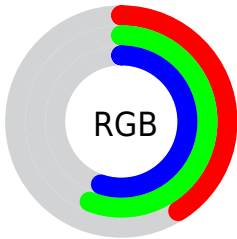
Format	Color
RYB	104, 125, 144
Decimal	6852748
CIELab	57.00, -14.62, -2.34
CIELCh	57, 14.810, 189.078
Yxy	24.9227, 0.2770, 0.3362
Android (android.graphics.Color)	4285042828 (0xFF68908C)
YUV	131.5840, 4.1491, -24.1912
Hunter-Lab	49.9226, -13.9358, 0.8889

Details

The CIELCh color **57, 14.810, 189.078** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 17.150, 13.813**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 15.013, 187.933**, and **37, 15.005, 187.915** is the 20% darker color. If you saturate the color by 10%, you get **56, 19.515, 188.288**, and if you desaturate by 10%, it is **58, 9.716, 189.854**.

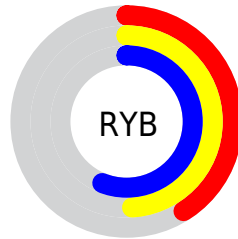
Distribution



Red (41%)

Green (56%)

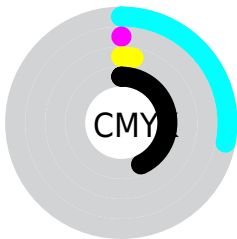
Blue (55%)



Red (41%)

Yellow (49%)

Blue (56%)

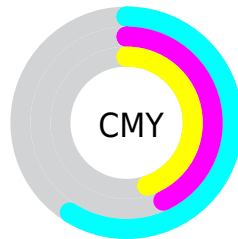


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (43%)



Cyan (59%)


Magenta (43%)

Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 14.810, 189.078 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, 14.810, 189.078 by changing the saturation by 10% instead.


 57, 14.810,
189.078


 57, 14.810,
189.078


 100, 14.810,
189.078


 47, 14.810,
189.078


 77, 14.810,
189.078


 37, 14.810,
189.078

 87, 14.810,
189.078

 27, 14.810,
189.078

 97, 14.810,
189.078

 17, 14.810,
189.078

 7, 14.810, 189.078

 0, 14.810, 189.078

■ 57, 14.810,
189.078

■ 57, 14.810,
189.078

■ 56, 19.515,
188.288

■ 58, 9.716, 189.854

■ 55, 23.739,
187.484

■ 59, 4.318, 190.661

■ 55, 27.402,
186.651

■ 60, 1.300, 10.985

■ 54, 30.440,
185.775

■ 62, 7.067, 11.986

■ 54, 32.817,
184.841

■ 63, 12.922, 12.741

■ 54, 34.534,
183.832

■ 64, 18.816, 13.469

■ 54, 35.705,
182.751

■ 66, 24.709, 14.182

■ 54, 35.956,

■ 68, 30.572, 14.880

■ 69, 36.385, 15.562

182.508

Harmonies

Complementary

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



57, 14.810, 189.078



48, 17.150, 13.813

Rectangle

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



57, 14.810, 189.078



57, 14.810, 239.078



57, 14.810, 9.078



57, 14.810, 59.078

Sweetspot

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



57, 14.811, 189.074



75, 5.565, 190.622



56, 26.853, 139.693



39, 3.933, 190.505



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 14.811, 189.074



72, 21.538, 188.605



53, 12.295, 245.346



30, 3.123, 190.537



50, 34.251, 182.583



2, 2.147, 191.154

Inverse Universe

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



48, 17.150, 13.813



59, 25.836, 14.627



52, 13.970, 59.296



28, 3.269, 11.805



27, 60.978, 34.568



0, 2.148, 11.138

Previews

White Background



This preview shows how the CIELCh color 57, 14.810, 189.078 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, 14.810, 189.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

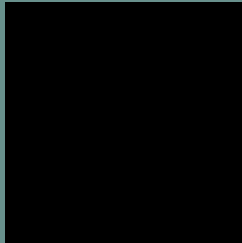
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 14.810, 189.078

Background



This preview shows how black text looks on a background with the CIELCh color 57, 14.810, 189.078.



This preview shows how white text looks on a background with the CIELCh color 57, 14.810, 189.078.

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, 14.810, 189.078

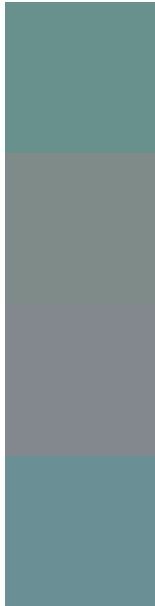
Protanopia
57, 1.307, 44.987

Deuteranopia
57, 8.620, 333.599



Tritanopia
57, 13.812, 228.339

Trichromacy



Original Color
57, 14.810, 189.078

Protanomaly
57, 5.150, 186.144

Deuteranomaly
56, 3.895, 261.226

Tritanomaly
57, 13.467, 213.068

Monochromacy



Original Color
57, 14.810, 189.078

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 5.421, 192.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 14.810, 189.078 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(104, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(104, 144, 140)  
}
```

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(104, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 144, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 14.810, 189.078 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(104, 144, 140) }
```

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

```
.border{ border-color:rgb(104, 144, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 144, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(104, 144,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 14.810, 189.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 144, 140) }
```

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

```
.background{ background-color: rgb(104,  
144, 140) }
```

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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