

Converting Colors

CIELCh(57, 15.842, 209.373)

Have a look what the booklet for
CIELCh(57, 15.842, 209.373)
contains.

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Color

CIELCh(57, 15.893, 210.549)

Conversions

Conversions Part 1

Format	Color
Hex	639096
RGB	99, 144, 150
RGB Percent	39%, 56%, 59%
CMY	0.6106, 0.4341, 0.4105
CMYK	0.34, 0.04, 0.00, 0.41
HSL	187°, 20%, 49%
HSV	187°, 34%, 59%
XYZ	20.7296, 24.9227, 32.7041
YIQ	131.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

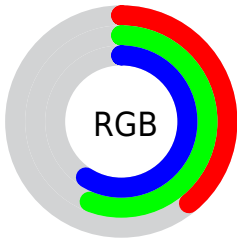
Format	Color
R_{YB}	99, 123, 150
Decimal	6525078
CIE _{Lab}	57.00, -13.69, -8.08
CIE _{LCh}	57, 15.893, 210.549
Yxy	24.9227, 0.2646, 0.3181
Android (android.graphics.Color)	4284715158 (0xFF639096)
YUV	131.2290, 9.2541, -28.2648
Hunter-Lab	49.9226, -13.2453, -3.8948

Details

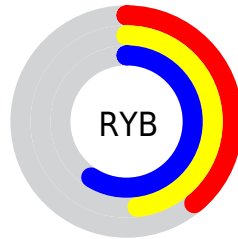
The CIELCh color **57, 15.893, 210.549** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 20.182, 31.599**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 15.805, 210.146**, and **37, 15.924, 208.794** is the 20% darker color. If you saturate the color by 10%, you get **56, 19.678, 210.870**, and if you desaturate by 10%, it is **58, 11.636, 210.384**.

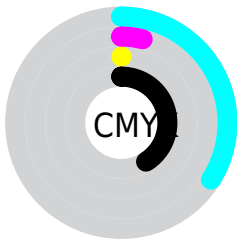
Distribution



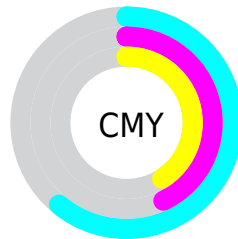
- Red (39%)
- Green (56%)
- Blue (59%)



- Red (39%)
- Yellow (48%)
- Blue (59%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (41%)




- Cyan (61%)
- Magenta (43%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 15.893, 210.549 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, 15.893, 210.549 by changing the saturation by 10% instead.


 57, 15.893,
210.549


 57, 15.893,
210.549


 100, 15.893,
210.549


 47, 15.893,
210.549


 77, 15.893,
210.549

 37, 15.893,
210.549

 87, 15.893,
210.549

 27, 15.893,
210.549

 97, 15.893,
210.549

 17, 15.893,
210.549

 7, 15.893, 210.549

 0, 15.893, 210.549

■ 57, 15.893,
210.549

■ 57, 15.893,
210.549

■ 56, 19.678,
210.870

■ 58, 11.636,
210.384

■ 55, 22.915,
211.390

■ 60, 6.987, 210.366

■ 62, 2.023, 210.582

■ 53, 25.538,
212.147

■ 63, 3.185, 30.355

■ 53, 27.506,
213.183

■ 65, 8.577, 30.642

■ 52, 28.812,
214.544

■ 67, 14.101, 30.906

■ 69, 19.714, 31.193

■ 51, 29.498,
216.270

■ 71, 25.384, 31.499

■ 51, 29.772,
217.408

■ 73, 31.081, 31.820

Harmonies

Complementary

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



57, 15.893, 210.549



49, 20.182, 31.599

Rectangle

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



57, 15.893, 210.549



57, 15.893, 260.549



57, 15.893, 30.549



57, 15.893, 80.549

Sweetspot

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



57, 15.893, 210.545



77, 6.298, 210.400



58, 32.488, 145.310



41, 4.316, 210.385



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 15.893, 210.545



72, 23.063, 210.787



50, 19.359, 272.285



31, 2.831, 210.414



46, 27.944, 217.223



2, 2.536, 210.422

Inverse Universe

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



49, 32.495, 329.772



60, 48.459, 330.235



56, 19.939, 82.573



29, 5.326, 328.309



31, 66.794, 333.405



1, 4.631, 327.811

Previews

White Background



This preview shows how the CIELCh color 57, 15.893, 210.549 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 CIELCh color 57, 15.893, 210.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

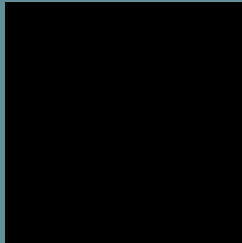
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 15.893, 210.549

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.893, 210.549.



This preview shows how white text looks on a background with the CIELCh color 57, 15.893, 210.549.

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, 15.893, 210.549

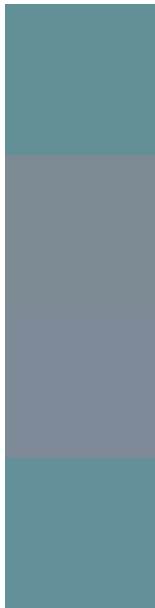
Protanopia
57, 5.737, 294.674

Deuteranopia
57, 11.975, 307.910



Tritanopia
57, 16.102, 221.241

Trichromacy



Original Color
57, 15.893, 210.549

Protanomaly
57, 7.474, 242.660

Deuteranomaly
57, 9.374, 265.659

Tritanomaly
57, 15.841, 217.151

Monochromacy



Original Color
57, 15.893, 210.549

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 6.248, 214.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 15.893, 210.549 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(99, 144, 150)` looks like.

```
.text, #text, p{  
    color:rgb(99, 144, 150)  
}
```

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(99, 144, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 144, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.893, 210.549 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(99, 144, 150) }
```

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

```
.border{ border-color:rgb(99, 144, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 144, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 144, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 144, 150);  
box-shadow:4px 4px 4px 4px rgb(99, 144,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.893, 210.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 144, 150) }
```

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

```
.background{ background-color: rgb(99, 144,  
150) }
```

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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