

Converting Colors

CIELCh(57, 18.255, 210.584)

Have a look what the booklet for
CIELCh(57, 18.255, 210.584)
contains.

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Color

CIELCh(57, 18.230, 210.584)

Conversions

Conversions Part 1

Format	Color
Hex	5C9198
RGB	92, 145, 152
RGB Percent	36%, 57%, 60%
CMY	0.6379, 0.4301, 0.4026
CMYK	0.39, 0.05, 0.00, 0.40
HSL	187°, 25%, 48%
HSV	187°, 39%, 60%
XYZ	20.3176, 24.9227, 33.5891
YIQ	129.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

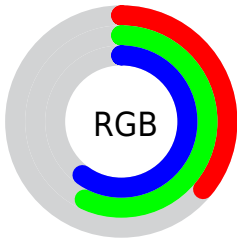
Format	Color
R_{YB}	92, 120, 152
Decimal	6066584
CIE _{Lab}	57.00, -15.69, -9.28
CIE _{LCh}	57, 18.230, 210.584
Yxy	24.9227, 0.2577, 0.3162
Android (android.graphics.Color)	4284256664 (0xFF5C9198)
YUV	129.9510, 10.8702, -33.2830
Hunter-Lab	49.9226, -14.7182, -4.9458

Details

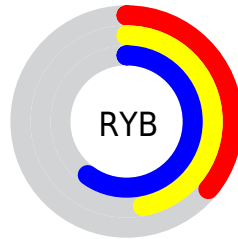
The CIELCh color **57, 18.230, 210.584** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 24.223, 31.922**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 18.230, 210.129**, and **37, 18.119, 211.264** is the 20% darker color. If you saturate the color by 10%, you get **56, 21.763, 211.002**, and if you desaturate by 10%, it is **58, 14.175, 210.340**.

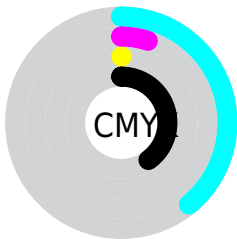
Distribution



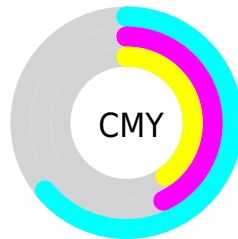
- Red (36%)
- Green (57%)
- Blue (60%)



- Red (36%)
- Yellow (47%)
- Blue (60%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)




- Cyan (64%)
- Magenta (43%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.230, 210.584 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, 18.230, 210.584 by changing the saturation by 10% instead.


 57, 18.230,
210.584


 57, 18.230,
210.584

 100, 18.230,
210.584

 47, 18.230,
210.584


 77, 18.230,
210.584

 37, 18.230,
210.584

 87, 18.230,
210.584

 27, 18.230,
210.584

 97, 18.230,
210.584

 17, 18.230,
210.584

 7, 18.230, 210.584

 0, 18.230, 210.584

■ 57, 18.230,
210.584

■ 57, 18.230,
210.584

■ 56, 21.763,
211.002

■ 58, 14.175,
210.340

■ 55, 24.701,
211.639

■ 60, 9.679, 210.250

■ 61, 4.822, 210.307

■ 54, 26.991,
212.535

■ 63, 0.321, 28.896

■ 53, 28.608,
213.733

■ 65, 5.682, 30.403

■ 52, 29.571,
215.279

■ 67, 11.204, 30.667

■ 69, 16.839, 30.945

■ 51, 30.052,
217.125

■ 71, 22.548, 31.244

■ 51, 30.079,
217.238

■ 73, 28.299, 31.561

Harmonies

Complementary

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



57, 18.230, 210.584



48, 24.223, 31.922

Rectangle

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



57, 18.230, 210.584



57, 18.230, 260.584



57, 18.230, 30.584



57, 18.230, 80.584

Sweetspot

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



57, 18.230, 210.581



78, 7.602, 210.272



58, 38.448, 144.286



41, 5.013, 210.263



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, 18.230, 210.581



72, 25.934, 210.929



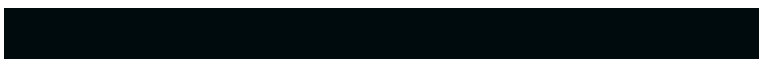
48, 22.296, 271.987



32, 2.914, 210.309



47, 28.332, 217.067



2, 3.197, 211.525

Inverse Universe

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



48, 37.986, 330.062



58, 55.636, 330.560



55, 23.296, 80.330



30, 5.482, 328.282



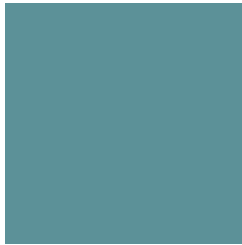
32, 67.731, 333.367



1, 5.844, 328.141

Previews

White Background



This preview shows how the CIELCh color 57, 18.230, 210.584 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, 18.230, 210.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

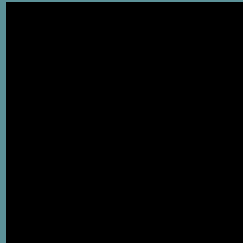
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.230, 210.584

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.230, 210.584.

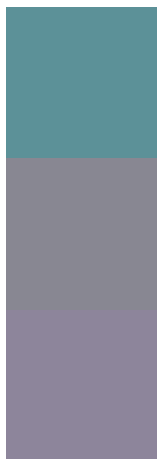


This preview shows how white text looks on a background with the CIELCh color 57, 18.230, 210.584.

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, 18.230, 210.584

Protanopia

57, 6.306, 294.385

Deuteranopia

57, 12.977, 304.928



Tritanopia
57, 18.262, 218.189

Trichromacy



Original Color
57, 18.230, 210.584

Protanomaly
57, 8.551, 235.990

Deuteranomaly
57, 10.828, 263.351

Tritanomaly
57, 18.158, 216.368

Monochromacy



Original Color
57, 18.230, 210.584

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 7.582, 207.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.230, 210.584 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(92, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(92, 145, 152)  
}
```

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(92, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 145, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.230, 210.584 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(92, 145, 152) }
```

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

```
.border{ border-color:rgb(92, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(92, 145,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.230, 210.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 145, 152) }
```

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

```
.background{ background-color: rgb(92, 145,  
152) }
```

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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