

Converting Colors

CIELCh(57, 20.444, 198.226)

Have a look what the booklet for
CIELCh(57, 20.444, 198.226)
contains.

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Color

CIELCh(57, 20.649, 197.501)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 569393 |
| RGB | 86, 147, 147 |
| RGB Percent | 34%, 58%, 58% |
| CMY | 0.6630, 0.4238, 0.4238 |
| CMYK | 0.42, 0.00, 0.00, 0.42 |
| HSL | 180°, 26%, 46% |
| HSV | 180°, 42%, 58% |
| XYZ | 19.5131, 24.9227, 31.3545 |
| YIQ | 128.7610, -36.3560, -12.9320 |

Conversions

Conversions Part 2

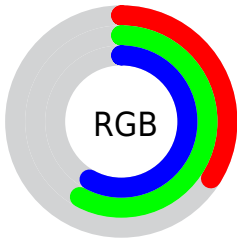
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 86, 117, 147 |
| Decimal | 5673875 |
| CIELab | 57.00, -19.69, -6.21 |
| CIElCh | 57, 20.649, 197.501 |
| Yxy | 24.9227, 0.2575, 0.3288 |
| Android (android.graphics.Color) | 4283863955 (0xFF569393) |
| YUV | 128.7610, 8.9918, -37.5014 |
| Hunter-Lab | 49.9226, -17.5948, -2.2919 |

Details

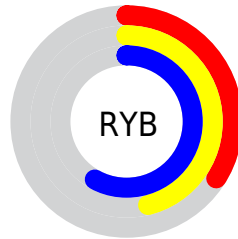
The CIELCh color **57, 20.649, 197.501** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44, 27.505, 23.373**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 20.655, 197.894**, and **37, 20.562, 198.609** is the 20% darker color. If you saturate the color by 10%, you get **56, 24.375, 197.162**, and if you desaturate by 10%, it is **58, 16.351, 197.895**.

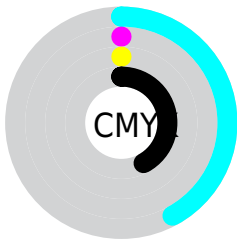
Distribution



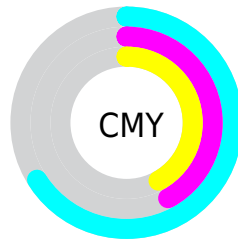
- Red (34%)
- Green (58%)
- Blue (58%)



- Red (34%)
- Yellow (46%)
- Blue (58%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)





- Cyan (66%)
- Magenta (42%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 20.649, 197.501 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, 20.649, 197.501 by changing the saturation by 10% instead.


 57, 20.649,
197.501


 57, 20.649,
197.501


 100, 20.649,
197.501


 47, 20.649,
197.501


 77, 20.649,
197.501

 37, 20.649,
197.501

 87, 20.649,
197.501

 27, 20.649,
197.501

 97, 20.649,
197.501

 17, 20.649,
197.501

 7, 20.649, 197.501

 0, 20.649, 197.501

■ 57, 20.649,
197.501

■ 57, 20.649,
197.501

■ 56, 24.375,
197.162

■ 58, 16.351,
197.895

■ 56, 27.463,
196.887

■ 59, 11.563,
198.348

■ 56, 29.872,
196.675

■ 60, 6.370, 198.866

■ 55, 31.592,
196.525

■ 61, 0.858, 199.834

■ 55, 32.655,
196.433

■ 62, 4.894, 19.787

■ 55, 33.227,
196.383

■ 63, 10.816, 20.415

■ 65, 16.848, 21.024

■ 66, 22.942, 21.637

■ 68, 29.060, 22.251

Harmonies

Complementary

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



57, 20.649, 197.501



44, 27.505, 23.373

Rectangle

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



57, 20.649, 197.501



57, 20.649, 247.501



57, 20.649, 17.501



57, 20.649, 67.501

Sweetspot

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



57, 20.649, 197.498



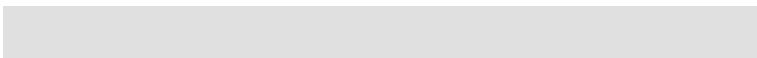
76, 8.213, 198.825



56, 41.821, 141.004



40, 5.474, 198.762



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 20.649, 197.498



72, 29.409, 197.177



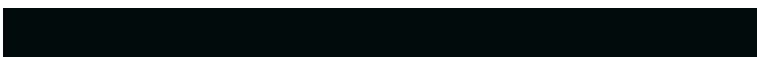
48, 19.853, 260.522



31, 3.160, 199.000



52, 31.695, 196.383



2, 2.828, 199.420

Inverse Universe

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



44, 27.505, 23.373



52, 42.260, 25.067



51, 22.564, 68.670



29, 3.343, 19.891



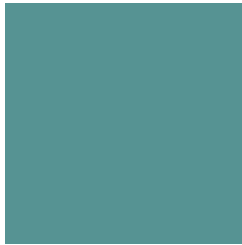
28, 65.125, 38.928



1, 2.828, 19.403

Previews

White Background



This preview shows how the CIELCh color 57, 20.649, 197.501 looks on a white background.

Color Contrast Check

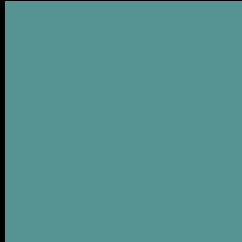
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.649, 197.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

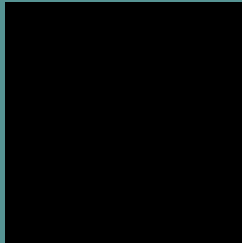
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 20.649, 197.501

Background



This preview shows how black text looks on a background with the CIELCh color 57, 20.649, 197.501.



This preview shows how white text looks on a background with the CIELCh color 57, 20.649, 197.501.

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, 20.649, 197.501

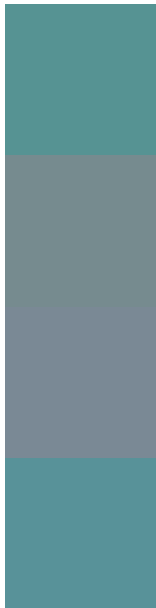
Protanopia
57, 2.976, 305.649

Deuteranopia
57, 11.167, 313.333



Tritanopia
57, 19.408, 218.689

Trichromacy



Original Color
57, 20.649, 197.501

Protanomaly
56, 8.079, 215.238

Deuteranomaly
56, 8.682, 251.532

Tritanomaly
57, 19.588, 209.565

Monochromacy



Original Color
57, 20.649, 197.501

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 8.655, 198.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 20.649, 197.501 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(86, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(86, 147, 147)  
}
```

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(86, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 147, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 20.649, 197.501 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(86, 147, 147) }
```

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

```
.border{ border-color:rgb(86, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(86, 147,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 20.649, 197.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 147, 147) }
```

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

```
.background{ background-color: rgb(86, 147,  
147) }
```

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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