

Converting Colors

CIELCh(57, 27.064, 247.799)

Have a look what the booklet for
CIELCh(57, 27.064, 247.799)
contains.

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Color

CIELCh(57, 27.166, 247.882)

Conversions

Conversions Part 1

Format	Color
Hex	4F90B4
RGB	79, 144, 180
RGB Percent	31%, 56%, 71%
CMY	0.6900, 0.4351, 0.2939
CMYK	0.56, 0.20, 0.00, 0.29
HSL	201°, 40%, 51%
HSV	201°, 56%, 71%
XYZ	21.4524, 24.9227, 46.8868
YIQ	128.6690, -50.2960, -2.5840

Conversions

Conversions Part 2

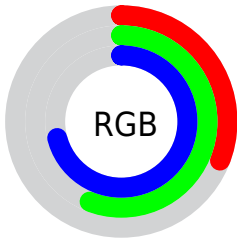
Format	Color
RYB	79, 119, 180
Decimal	5214388
CIELab	57.00, -10.23, -25.17
CIElCh	57, 27.166, 247.882
Yxy	24.9227, 0.2300, 0.2672
Android (android.graphics.Color)	4283404468 (0xFF4F90B4)
YUV	128.6690, 25.3062, -43.5597
Hunter-Lab	49.9226, -10.6606, -20.7387

Details

The CIELCh color **57, 27.166, 247.882** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **55, 37.429, 54.309**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 27.189, 247.534**, and **37, 27.043, 247.367** is the 20% darker color. If you saturate the color by 10%, you get **54, 30.918, 250.974**, and if you desaturate by 10%, it is **60, 23.035, 245.344**.

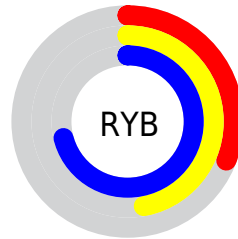
Distribution



Red (31%)

Green (56%)

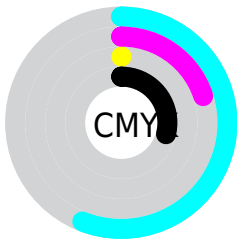
Blue (71%)



Red (31%)

Yellow (47%)

Blue (71%)

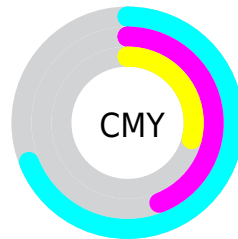


Cyan (56%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (69%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 27.166, 247.882 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, 27.166, 247.882 by changing the saturation by 10% instead.

 57, 27.166,
247.882

 57, 27.166,
247.882

 100, 27.166,
247.882


 47, 27.166,
247.882

 77, 27.166,
247.882

 37, 27.166,
247.882

 87, 27.166,
247.882

 27, 27.166,
247.882

 97, 27.166,
247.882

 17, 27.166,
247.882

 7, 27.166, 247.882

 0, 27.166, 247.882

■ 57, 27.166,
247.882

■ 57, 27.166,
247.882

■ 54, 30.918,
250.974

■ 60, 23.035,
245.344

■ 52, 34.316,
254.683

■ 63, 18.543,
243.282

■ 50, 37.433,
259.020

■ 65, 13.729,
241.616

■ 47, 40.402,
263.894

■ 68, 8.640, 240.279

■ 47, 41.596,
265.778

■ 71, 3.329, 239.260

■ 75, 2.157, 58.030

■ 78, 7.774, 57.444

■ 81, 13.487, 56.864

■ 84, 19.265, 56.374

Harmonies

Complementary

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



57, 27.166, 247.882



55, 37.429, 54.309

Rectangle

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



57, 27.166, 247.882



57, 27.166, 297.882



57, 27.166, 67.882



57, 27.166, 117.882

Sweetspot

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



57, 27.165, 247.881



86, 11.292, 240.424



66, 50.834, 150.747



45, 7.518, 240.670



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 27.165, 247.881



69, 38.578, 251.683



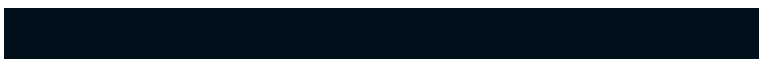
43, 51.505, 292.629



36, 3.056, 239.545



40, 36.578, 265.058



4, 7.837, 251.617

Inverse Universe

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



49, 51.244, 341.562



58, 72.632, 343.092



67, 46.133, 96.971



35, 5.255, 337.290



33, 61.148, 348.841



2, 11.669, 341.856

Previews

White Background



This preview shows how the CIELCh color 57, 27.166, 247.882 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, 27.166, 247.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

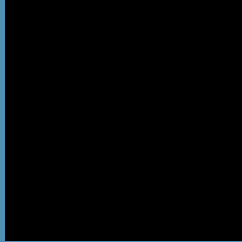
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 27.166, 247.882

Background



This preview shows how black text looks on a background with the CIELCh color 57, 27.166, 247.882.

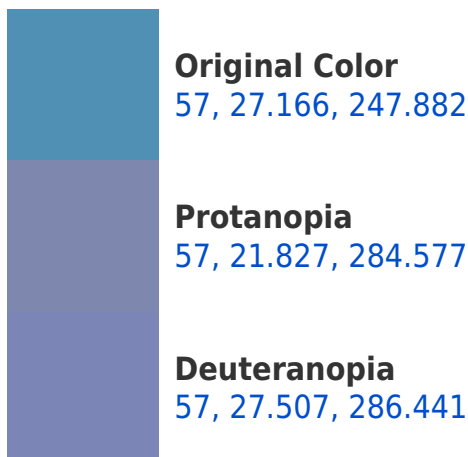


This preview shows how white text looks on a background with the CIELCh color 57, 27.166, 247.882.

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](#).

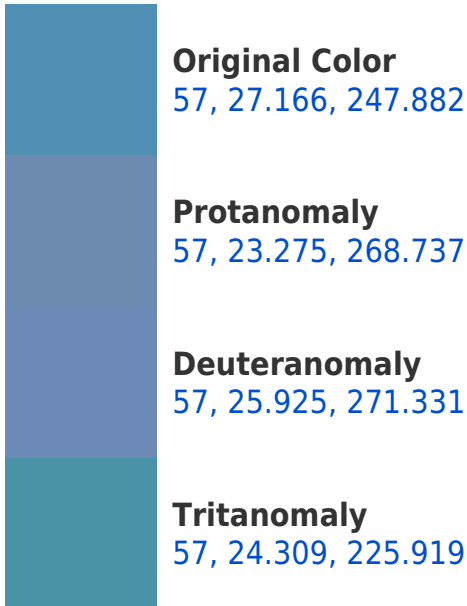
Dichromacy





Tritanopia
57, 24.292, 213.927

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 27.166, 247.882 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(79, 144, 180)` looks like.

```
.text, #text, p{  
    color:rgb(79, 144, 180)  
}
```

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(79, 144, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 144, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 27.166, 247.882 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(79, 144, 180) }
```

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

```
.border{ border-color:rgb(79, 144, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 144, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 144, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 144, 180);  
box-shadow:4px 4px 4px 4px rgb(79, 144,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 27.166, 247.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 144, 180) }
```

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

```
.background{ background-color: rgb(79, 144,  
180) }
```

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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