

Converting Colors

CIELCh(57, 25.044, 278.550)

Have a look what the booklet for
CIELCh(57, 25.044, 278.550)
contains.

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Color

CIELCh(57, 25.067, 278.578)

Conversions

Conversions Part 1

Format	Color
Hex	7689B4
RGB	118, 137, 180
RGB Percent	46%, 54%, 71%
CMY	0.5384, 0.4639, 0.2953
CMYK	0.34, 0.24, 0.00, 0.30
HSL	222°, 29%, 58%
HSV	222°, 34%, 70%
XYZ	24.5428, 24.9227, 46.5335
YIQ	136.2210, -25.1270, 9.3450

Conversions

Conversions Part 2

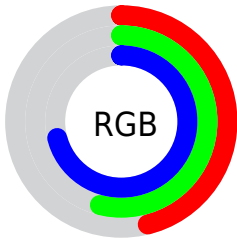
Format	Color
R_{YB}	118, 133, 180
Decimal	7768500
CIE Lab	57.00, 3.74, -24.79
CIE LCh	57, 25.067, 278.578
Yxy	24.9227, 0.2557, 0.2596
Android (android.graphics.Color)	4285958580 (0xFF7689B4)
YUV	136.2210, 21.5830, -15.9798
Hunter-Lab	49.9226, 0.3889, -20.3192

Details

The CIELCh color $57, 25.067, 278.578$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $67, 24.962, 88.849$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 25.191, 279.066$, and $37, 25.239, 279.112$ is the 20% darker color. If you saturate the color by 10%, you get $52, 32.665, 280.741$, and if you desaturate by 10%, it is $62, 17.628, 276.723$.

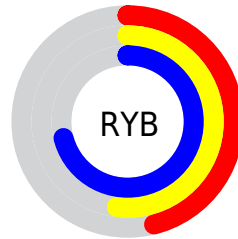
Distribution



Red (46%)

Green (54%)

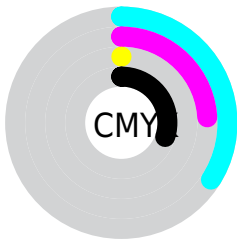
Blue (71%)



Red (46%)

Yellow (52%)

Blue (71%)

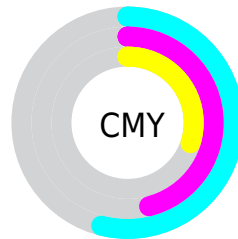


Cyan (34%)

Magenta (24%)

Yellow (0%)

Black (30%)



Cyan (54%)


Magenta (46%)


Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 25.067, 278.578 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, 25.067, 278.578 by changing the saturation by 10% instead.


 57, 25.067,
278.578


 57, 25.067,
278.578


 100, 25.067,
278.578


 47, 25.067,
278.578


 77, 25.067,
278.578

 37, 25.067,
278.578

 87, 25.067,
278.578

 27, 25.067,
278.578

 97, 25.067,
278.578

 17, 25.067,
278.578

 7, 25.067, 278.578

 0, 25.067, 278.578

■ 57, 25.067,
278.578

■ 57, 25.067,
278.578

■ 52, 32.665,
280.741

■ 62, 17.628,
276.723

■ 48, 40.449,
283.248

■ 66, 10.336,
275.140

■ 43, 48.449,
286.112

■ 71, 3.181, 273.818

■ 39, 56.683,
289.302

■ 76, 3.841, 92.521

■ 35, 65.123,
292.723

■ 80, 10.733, 91.534

■ 31, 73.616,
296.193

■ 85, 17.495, 90.650

■ 29, 78.224,
297.954

■ 90, 24.128, 89.870

■ 94, 29.883, 93.798

■ 97, 34.993,
103.565

Harmonies

Complementary

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



57, 25.067, 278.578



67, 24.962, 88.849

Rectangle

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



57, 25.067, 278.578



57, 25.067, 328.578



57, 25.067, 98.578



57, 25.067, 148.578

Sweetspot

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



57, 25.066, 278.577



87, 8.823, 274.532



69, 24.652, 171.380



45, 6.022, 274.721



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, 25.066, 278.577



69, 37.274, 280.104



53, 36.231, 300.370



35, 3.999, 274.418



25, 68.571, 297.507



2, 10.363, 278.108

Inverse Universe

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



56, 27.019, 359.407



69, 40.120, 0.552



71, 33.477, 114.949



35, 4.235, 356.317



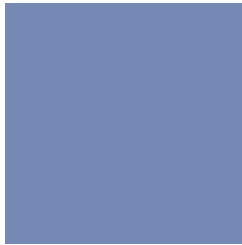
32, 59.434, 19.598



2, 9.723, 0.487

Previews

White Background



This preview shows how the CIE LCh color 57, 25.067, 278.578 looks on a white background.

Color Contrast Check

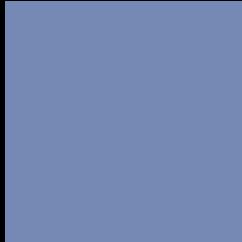
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.067, 278.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

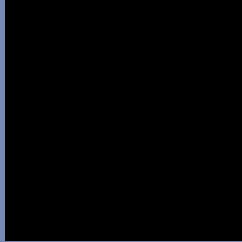
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

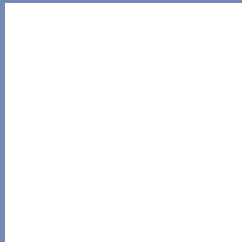
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 25.067, 278.578

Background



This preview shows how black text looks on a background with the CIELCh color 57, 25.067, 278.578.



This preview shows how white text looks on a background with the CIELCh color 57, 25.067, 278.578.

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, 25.067, 278.578

Protanopia

57, 24.668, 285.183

Deuteranopia

57, 26.327, 287.378



Tritanopia
57, 12.185, 229.717

Trichromacy



Original Color
57, 25.067, 278.578

Protanomaly
57, 24.807, 282.183

Deuteranomaly
57, 25.862, 284.277

Tritanomaly
57, 15.609, 256.539

Monochromacy



Original Color
57, 25.067, 278.578

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.441, 275.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 25.067, 278.578 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(118, 137, 180)` looks like.

```
.text, #text, p{  
    color:rgb(118, 137, 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(118, 137, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 137, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 25.067, 278.578 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(118, 137, 180) }
```

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

```
.border{ border-color:rgb(118, 137, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 137, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 137, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 137, 180);  
box-shadow:4px 4px 4px 4px rgb(118, 137,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 25.067, 278.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 137, 180) }
```

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

```
.background{ background-color: rgb(118,  
137, 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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