

Converting Colors

CIELCh(57, 55.082, 280.234)

Have a look what the booklet for
CIELCh(57, 55.082, 280.234)
contains.

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Color

CIELCh(57, 55.116, 280.253)

Conversions

Conversions Part 1

Format	Color
Hex	4789E8
RGB	71, 137, 232
RGB Percent	28%, 54%, 91%
CMY	0.7234, 0.4641, 0.0917
CMYK	0.70, 0.41, 0.00, 0.09
HSL	215°, 78%, 59%
HSV	215°, 70%, 91%
XYZ	25.9737, 24.9227, 79.5053
YIQ	128.0960, -69.8310, 15.5530

Conversions

Conversions Part 2

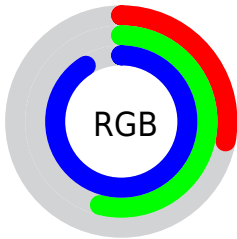
Format	Color
R_{YB}	71, 118, 232
Decimal	4688360
CIE _{Lab}	57.00, 9.81, -54.24
CIE _{LCh}	57, 55.116, 280.253
Yxy	24.9227, 0.1992, 0.1911
Android (android.graphics.Color)	4282878440 (0xFF4789E8)
YUV	128.0960, 51.2247, -50.0732
Hunter-Lab	49.9226, 5.5054, -59.4778

Details

The CIELCh color **57, 55.116, 280.253** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **73, 59.104, 74.713**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 37.507, 269.039**, and **38, 54.495, 283.898** is the 20% darker color. If you saturate the color by 10%, you get **52, 63.390, 284.035**, and if you desaturate by 10%, it is **62, 47.012, 276.856**.

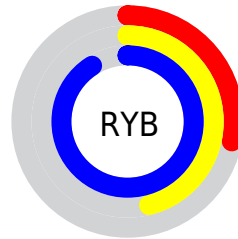
Distribution



Red (28%)

Green (54%)

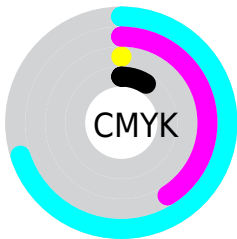
Blue (91%)



Red (28%)

Yellow (46%)

Blue (91%)

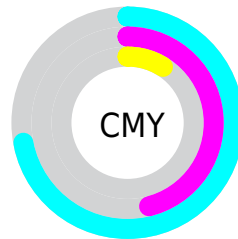


Cyan (70%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (72%)


Magenta (46%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 55.116, 280.253 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, 55.116, 280.253 by changing the saturation by 10% instead.


 57, 55.116,
280.253


 57, 55.116,
280.253


 100, 55.116,
280.253


 47, 55.116,
280.253


 77, 55.116,
280.253

 37, 55.116,
280.253

 87, 55.116,
280.253

 27, 55.116,
280.253

 97, 55.116,
280.253

 17, 55.116,
280.253

 7, 55.116, 280.253

 0, 55.116, 280.253

■ 57, 55.116,
280.253

■ 57, 55.116,
280.253

■ 52, 63.390,
284.035

■ 62, 47.012,
276.856

■ 48, 71.882,
288.073

■ 67, 39.017,
273.886

■ 44, 80.573,
292.106

■ 72, 31.081,
271.334

■ 44, 80.969,
292.276

■ 77, 23.179,
269.163

■ 82, 15.304,
267.323

■ 87, 7.461, 265.774

■ 92, 0.341, 83.413

■ 97, 7.960, 85.149

99, 11.831,
109.283

Harmonies

Complementary

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



57, 55.116, 280.253



73, 59.104, 74.713

Rectangle

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



57, 55.116, 280.253



57, 55.116, 330.253



57, 55.116, 100.253



57, 55.116, 150.253

Sweetspot

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



57, 55.115, 280.254



88, 17.779, 267.590



83, 60.432, 159.793



45, 12.040, 268.083



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 55.115, 280.254



56, 71.693, 285.584



41, 94.805, 303.094



45, 4.404, 265.760



34, 65.436, 291.558



7, 22.945, 283.378

Inverse Universe

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



55, 66.466, 359.260



57, 79.779, 3.851



88, 76.421, 108.163



45, 5.526, 349.575



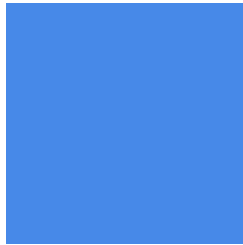
38, 64.772, 10.505



7, 26.960, 1.563

Previews

White Background



This preview shows how the CIE LCh color 57, 55.116, 280.253 looks on a white background.

Color Contrast Check

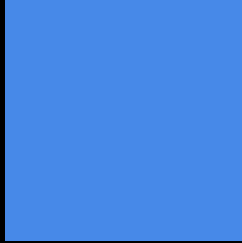
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.116, 280.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

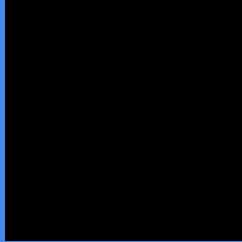
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

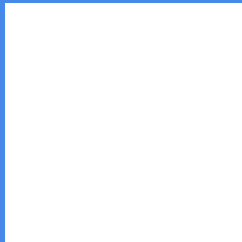
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 55.116, 280.253

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.116, 280.253.



This preview shows how white text looks on a background with the CIELCh color 57, 55.116, 280.253.

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, 55.116, 280.253

Protanopia

57, 54.393, 286.171

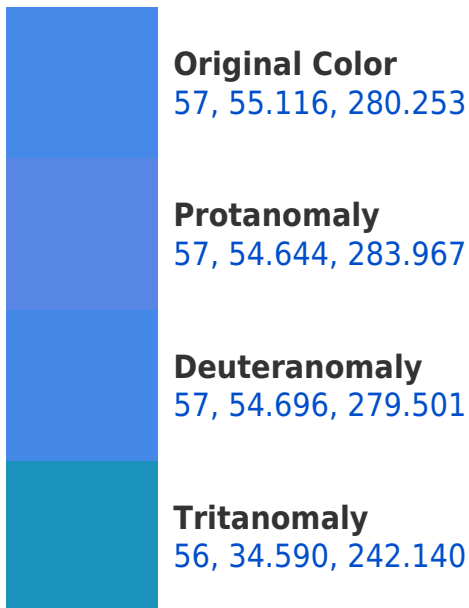
Deuteranopia

57, 54.764, 279.195

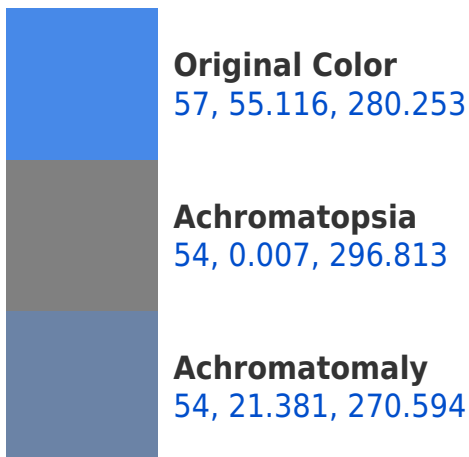


Tritanopia
57, 32.711, 208.903

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.116, 280.253 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(71, 137, 232)` looks like.

```
.text, #text, p{  
    color:rgb(71, 137, 232)  
}
```

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(71, 137, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 137, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.116, 280.253 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(71, 137, 232) }
```

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

```
.border{ border-color:rgb(71, 137, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 137, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 137, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 137, 232);  
box-shadow:4px 4px 4px 4px rgb(71, 137,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.116, 280.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 137, 232) }
```

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

```
.background{ background-color: rgb(71, 137,  
232) }
```

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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