

Converting Colors

CIELCh(59, 58.715, 280.341)

Have a look what the booklet for
CIELCh(59, 58.715, 280.341)
contains.

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Color

CIELCh(59, 58.789, 280.284)

Conversions

Conversions Part 1

Format	Color
Hex	438EF4
RGB	67, 142, 244
RGB Percent	26%, 56%, 96%
CMY	0.7378, 0.4435, 0.0436
CMYK	0.73, 0.42, 0.00, 0.04
HSL	215°, 89%, 61%
HSV	215°, 73%, 96%
XYZ	28.2732, 27.0277, 89.2224
YIQ	131.2030, -77.4420, 15.8220

Conversions

Conversions Part 2

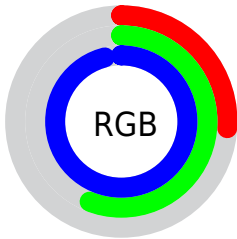
Format	Color
R _{YB}	67, 120, 244
Decimal	4427508
CIE _{Lab}	59.00, 10.50, -57.84
CIE _{LCh}	59, 58.789, 280.284
Yxy	27.0277, 0.1956, 0.1870
Android (android.graphics.Color)	4282617588 (0xFF438EF4)
YUV	131.2030, 55.6089, -56.3060
Hunter-Lab	51.9882, 6.0959, -65.3619

Details

The CIELCh color **59, 58.789, 280.284** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **75, 64.046, 72.956**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.679, 264.241**, and **40, 57.560, 284.374** is the 20% darker color. If you saturate the color by 10%, you get **54, 67.207, 284.231**, and if you desaturate by 10%, it is **64, 50.548, 276.708**.

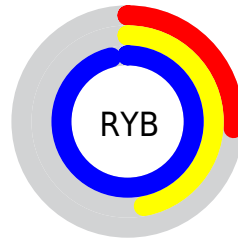
Distribution



Red (26%)

Green (56%)

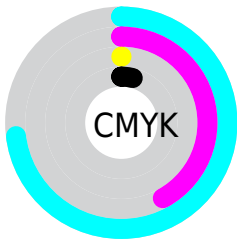
Blue (96%)



Red (26%)

Yellow (47%)

Blue (96%)

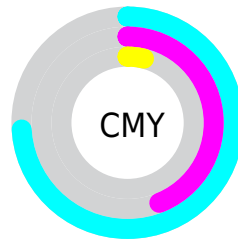


Cyan (73%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (74%)

Magenta (44%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 58.789, 280.284 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 59, 58.789, 280.284 by changing the saturation by 10% instead.

 59, 58.789,
280.284

 59, 58.789,
280.284

 100, 58.789,
280.284

 49, 58.789,
280.284

 79, 58.789,
280.284

 39, 58.789,
280.284

 89, 58.789,
280.284

 29, 58.789,
280.284

 99, 58.789,
280.284

 19, 58.789,
280.284

 9, 58.789, 280.284

 0, 58.789, 280.284

■ 59, 58.789,
280.284

■ 59, 58.789,
280.284

■ 54, 67.207,
284.231

■ 64, 50.548,
276.708

■ 50, 75.851,
288.391

■ 69, 42.412,
273.565

■ 47, 82.398,
291.420

■ 74, 34.324,
270.859

■ 79, 26.250,
268.556

■ 84, 18.181,
266.606

■ 89, 10.121,
264.962

■ 95, 2.084, 263.686

■ 100, 5.276,
107.069

100, 5.625,
109.744

Harmonies

Complementary

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



59, 58.789, 280.284



75, 64.046, 72.956

Rectangle

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



59, 58.789, 280.284



59, 58.789, 330.284



59, 58.789, 100.284



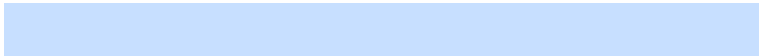
59, 58.789, 150.284

Sweetspot

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



59, 58.788, 280.285



88, 18.359, 266.511



86, 66.063, 158.220



45, 12.339, 267.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 58.788, 280.285



55, 73.615, 286.139



41, 103.349, 303.409



48, 4.583, 264.512



36, 66.086, 290.694



9, 25.359, 284.092

Inverse Universe

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



57, 71.563, 359.163



56, 81.480, 4.311



93, 81.977, 107.182



48, 5.876, 348.770



40, 66.733, 9.376



9, 29.743, 2.020

Previews

White Background



This preview shows how the CIE LCh color 59, 58.789, 280.284 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 59, 58.789, 280.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

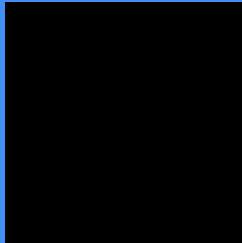
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

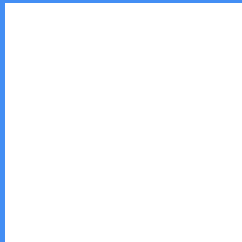
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 58.789, 280.284

Background



This preview shows how black text looks on a background with the CIELCh color 59, 58.789, 280.284.



This preview shows how white text looks on a background with the CIELCh color 59, 58.789, 280.284.

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


59, 58.789, 280.284

Protanopia

59, 57.981, 286.293

Deuteranopia

59, 58.433, 279.016



Tritanopia
59, 33.678, 208.452

Trichromacy



Original Color
59, 58.789, 280.284

Protanomaly
59, 58.276, 283.962

Deuteranomaly
59, 58.373, 279.262

Tritanomaly
59, 35.912, 242.231

Monochromacy



Original Color
59, 58.789, 280.284

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 22.627, 269.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 58.789, 280.284 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(67, 142, 244)` looks like.

```
.text, #text, p{  
    color:rgb(67, 142, 244)  
}
```

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(67, 142, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 142, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 58.789, 280.284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

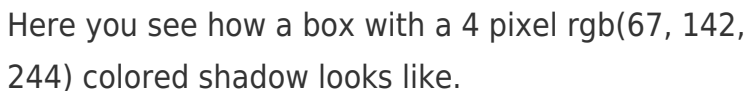
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 142, 244) }
```

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

```
.border{ border-color:rgb(67, 142, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(67, 142, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 142, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 142, 244); box-shadow:4px 4px 4px 4px rgb(67, 142, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 58.789, 280.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 142, 244) }
```

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

```
.background{ background-color: rgb(67, 142,  
244) }
```

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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