

Converting Colors

CIELCh(59, 54.606, 280.951)

Have a look what the booklet for
CIELCh(59, 54.606, 280.951)
contains.

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Color

CIELCh(59, 54.659, 281.076)

Conversions

Conversions Part 1

Format	Color
Hex	528DEC
RGB	82, 141, 236
RGB Percent	32%, 55%, 93%
CMY	0.6768, 0.4459, 0.0732
CMYK	0.65, 0.40, 0.00, 0.07
HSL	217°, 80%, 63%
HSV	217°, 65%, 93%
XYZ	28.2745, 27.0277, 83.3443
YIQ	134.1890, -65.6590, 17.0370

Conversions

Conversions Part 2

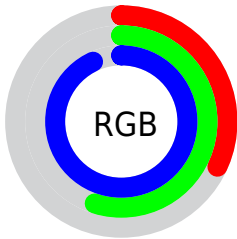
Format	Color
R _Y B	82, 125, 236
Decimal	5410284
CIE Lab	59.00, 10.50, -53.64
CIE LCh	59, 54.659, 281.076
Yxy	27.0277, 0.2039, 0.1949
Android (android.graphics.Color)	4283600364 (0xFF528DEC)
YUV	134.1890, 50.1928, -45.7698
Hunter-Lab	51.9882, 6.1004, -58.6584

Details

The CIELCh color **59, 54.659, 281.076** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **76, 56.848, 77.921**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.070, 268.943**, and **39, 54.277, 282.863** is the 20% darker color. If you saturate the color by 10%, you get **54, 63.529, 284.620**, and if you desaturate by 10%, it is **64, 45.984, 277.921**.

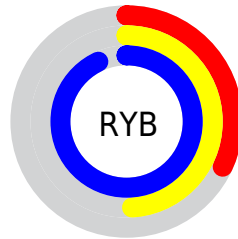
Distribution



Red (32%)

Green (55%)

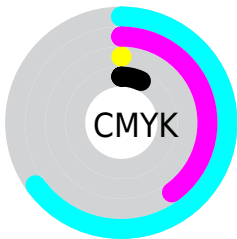
Blue (93%)



Red (32%)

Yellow (49%)

Blue (93%)

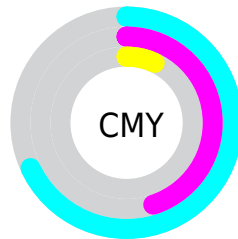


Cyan (65%)

Magenta (40%)

Yellow (0%)

Black (7%)



Cyan (68%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.659, 281.076 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, 54.659, 281.076 by changing the saturation by 10% instead.

■ 59, 54.659,
281.076

■ 59, 54.659,
281.076

■ 100, 54.659,
281.076

■ 49, 54.659,
281.076

■ 79, 54.659,
281.076

■ 39, 54.659,
281.076

■ 89, 54.659,
281.076

■ 29, 54.659,
281.076

■ 99, 54.659,
281.076

■ 19, 54.659,
281.076

■ 9, 54.659, 281.076

■ 0, 54.659, 281.076

■ 59, 54.659,
281.076

■ 59, 54.659,
281.076

■ 54, 63.529,
284.620

■ 64, 45.984,
277.921

■ 50, 72.635,
288.455

■ 69, 37.453,
275.178

■ 45, 81.939,
292.399

■ 75, 29.023,
272.826

■ 43, 86.505,
294.229

■ 80, 20.673,
270.824

■ 85, 12.394,
269.126

■ 91, 4.189, 267.718

■ 96, 3.934, 86.313

■ 100, 9.444,
109.462

Harmonies

Complementary

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



59, 54.659, 281.076



76, 56.848, 77.921

Rectangle

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



59, 54.659, 281.076



59, 54.659, 331.076



59, 54.659, 101.076



59, 54.659, 151.076

Sweetspot

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



59, 54.658, 281.077



88, 17.459, 269.932



85, 56.568, 162.593



46, 11.926, 270.421



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, 54.658, 281.077



57, 70.337, 285.818



46, 89.838, 302.966



46, 4.615, 268.287



33, 69.571, 293.542



7, 25.082, 286.214

Inverse Universe

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



58, 63.799, 0.196



58, 76.970, 4.305



90, 74.081, 110.002



46, 5.534, 351.317



38, 65.799, 13.266



7, 27.903, 4.091

Previews

White Background



This preview shows how the CIELCh color 59, 54.659, 281.076 looks on a white background.

Color Contrast Check

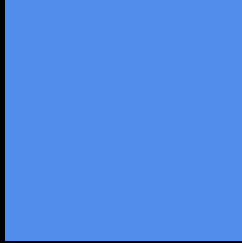
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.659, 281.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

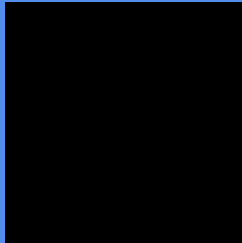
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

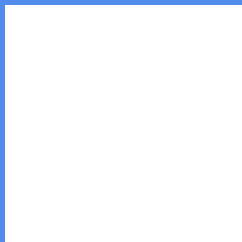
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 54.659, 281.076

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.659, 281.076.



This preview shows how white text looks on a background with the CIELCh color 59, 54.659, 281.076.

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

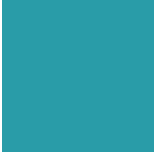
59, 54.659, 281.076

Protanopia

59, 54.054, 286.073

Deuteranopia

59, 54.304, 279.655



Tritanopia
59, 30.784, 209.803

Trichromacy



Original Color
59, 54.659, 281.076

Protanomaly
59, 54.248, 284.218

Deuteranomaly
59, 54.230, 280.004

Tritanomaly
59, 32.882, 244.856

Monochromacy



Original Color
59, 54.659, 281.076

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 20.937, 272.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.659, 281.076 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(82, 141, 236)` looks like.

```
.text, #text, p{  
    color:rgb(82, 141, 236)  
}
```

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(82, 141, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 141, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.659, 281.076 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(82, 141, 236) }
```

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

```
.border{ border-color:rgb(82, 141, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 141, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 141, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 141, 236);  
box-shadow:4px 4px 4px 4px rgb(82, 141,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.659, 281.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 141, 236) }
```

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

```
.background{ background-color: rgb(82, 141,  
236) }
```

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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