

Converting Colors

CIELCh(59, 47.856, 280.116)

Have a look what the booklet for
CIELCh(59, 47.856, 280.116)
contains.

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Color

CIELCh(59, 47.856, 280.116)

Conversions

Conversions Part 1

Format	Color
Hex	5E8EE1
RGB	94, 142, 225
RGB Percent	37%, 56%, 88%
CMY	0.6328, 0.4444, 0.1190
CMYK	0.58, 0.37, 0.00, 0.12
HSL	218°, 68%, 62%
HSV	218°, 58%, 88%
XYZ	27.7454, 27.0277, 74.7362
YIQ	137.1100, -55.2510, 15.6370

Conversions

Conversions Part 2

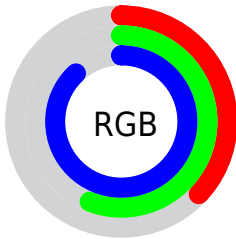
Format	Color
R _Y B	94, 129, 225
Decimal	6196961
CIE Lab	59.00, 8.41, -47.11
CIE LCh	59, 47.856, 280.116
Yxy	27.0277, 0.2142, 0.2087
Android (android.graphics.Color)	4284387041 (0xFF5E8EE1)
YUV	137.1100, 43.3298, -37.8075
Hunter-Lab	51.9882, 4.2838, -48.8412

Details

The CIELCh color **59, 47.856, 280.116** 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 **75, 49.180, 80.398**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 33.936, 271.379**, and **39, 47.953, 280.280** is the 20% darker color. If you saturate the color by 10%, you get **54, 56.510, 283.344**, and if you desaturate by 10%, it is **64, 39.381, 277.287**.

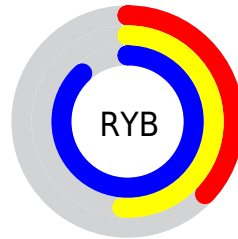
Distribution



Red (37%)

Green (56%)

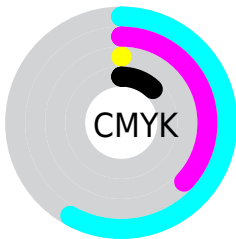
Blue (88%)



Red (37%)

Yellow (51%)

Blue (88%)

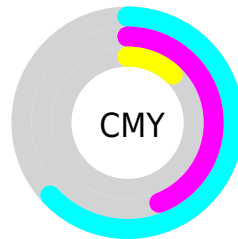


Cyan (58%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (63%)


Magenta (44%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 47.856, 280.116 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, 47.856, 280.116 by changing the saturation by 10% instead.


 59, 47.856,
280.116


 59, 47.856,
280.116


 100, 47.856,
280.116


 49, 47.856,
280.116


 79, 47.856,
280.116

 39, 47.856,
280.116

 89, 47.856,
280.116

 29, 47.856,
280.116

 99, 47.856,
280.116

 19, 47.856,
280.116

 9, 47.856, 280.116

 0, 47.856, 280.116

■ 59, 47.856,
280.116

■ 59, 47.856,
280.116

■ 54, 56.510,
283.344

■ 64, 39.381,
277.287

■ 49, 65.390,
286.923

■ 69, 31.043,
274.848

■ 45, 74.498,
290.729

■ 74, 22.813,
272.765

■ 41, 83.731,
294.528

■ 80, 14.677,
270.993

■ 40, 85.284,
295.119

■ 85, 6.633, 269.498

■ 90, 1.318, 87.932

■ 96, 9.171, 86.998

■ 99, 15.356,
109.017

Harmonies

Complementary

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



59, 47.856, 280.116



75, 49.180, 80.398

Rectangle

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



59, 47.856, 280.116



59, 47.856, 330.116



59, 47.856, 100.116



59, 47.856, 150.116

Sweetspot

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



59, 47.855, 280.117



90, 15.083, 270.799



81, 49.742, 163.729



47, 10.100, 271.128



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, 47.855, 280.117



60, 64.290, 284.095



48, 76.580, 301.823



44, 4.524, 269.651



31, 69.836, 294.482



6, 23.115, 284.883

Inverse Universe

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



58, 55.531, 359.646



60, 71.446, 2.891



86, 64.934, 110.363



44, 5.286, 352.326



37, 64.657, 14.663



6, 25.542, 3.847

Previews

White Background



This preview shows how the CIE LCh color 59, 47.856, 280.116 looks on a white background.

Color Contrast Check

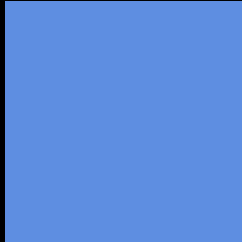
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 47.856, 280.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

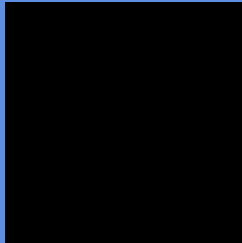
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

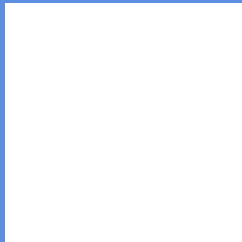
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 47.856, 280.116

Background



This preview shows how black text looks on a background with the CIELCh color 59, 47.856, 280.116.



This preview shows how white text looks on a background with the CIELCh color 59, 47.856, 280.116.

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, 47.856, 280.116

Protanopia
59, 47.261, 285.508

Deuteranopia
59, 47.856, 280.116



Tritanopia
59, 26.024, 212.596

Trichromacy



Original Color
59, 47.856, 280.116

Protanomaly
59, 47.458, 283.429

Deuteranomaly
59, 47.856, 280.116

Tritanomaly
59, 28.502, 246.011

Monochromacy



Original Color
59, 47.856, 280.116

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 17.968, 271.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 47.856, 280.116 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(94, 142, 225)` looks like.

```
.text, #text, p{  
    color:rgb(94, 142, 225)  
}
```

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(94, 142, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 142, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 47.856, 280.116 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(94, 142, 225) }
```

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

```
.border{ border-color:rgb(94, 142, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 142, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 142, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 142, 225);  
box-shadow:4px 4px 4px 4px rgb(94, 142,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 47.856, 280.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 142, 225) }
```

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

```
.background{ background-color: rgb(94, 142,  
225) }
```

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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