

Converting Colors

CIELCh(60, 63.499, 284.300)

Have a look what the booklet for
CIELCh(60, 63.499, 284.300)
contains.

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Color

CIELCh(60, 63.650, 284.357)

Conversions

Conversions Part 1

Format	Color
Hex	508EFE
RGB	80, 142, 254
RGB Percent	31%, 56%, 100%
CMY	0.6873, 0.4439, 0.0048
CMYK	0.69, 0.44, 0.00, 0.00
HSL	219°, 99%, 65%
HSV	219°, 69%, 100%
XYZ	30.7831, 28.1233, 97.3851
YIQ	136.2300, -72.9040, 21.6880

Conversions

Conversions Part 2

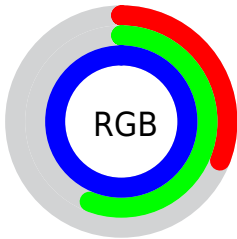
Format	Color
R _Y B	80, 126, 254
Decimal	5279486
CIE Lab	60.00, 15.78, -61.66
CIE LCh	60, 63.650, 284.357
Yxy	28.1233, 0.1970, 0.1799
Android (android.graphics.Color)	4283469566 (0xFF508EFE)
YUV	136.2300, 58.0606, -49.3137
Hunter-Lab	53.0314, 10.8086, -71.7561

Details

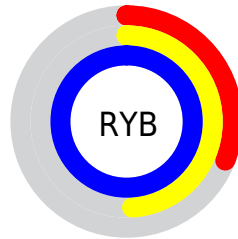
The CIELCh color **60, 63.650, 284.357** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **81, 63.986, 79.601**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 34.576, 268.437**, and **41, 63.139, 286.898** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.685, 287.948**, and if you desaturate by 10%, it is **65, 53.880, 281.109**.

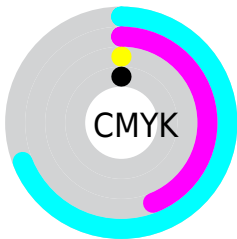
Distribution



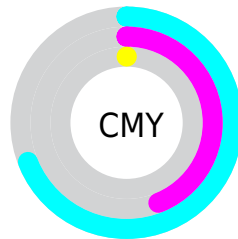
- Red (31%)
- Green (56%)
- Blue (100%)



- Red (31%)
- Yellow (49%)
- Blue (100%)



- Cyan (69%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (69%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 63.650, 284.357 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 60, 63.650, 284.357 by changing the saturation by 10% instead.


 60, 63.650,
284.357


 60, 63.650,
284.357


 100, 63.650,
284.357


 50, 63.650,
284.357


 80, 63.650,
284.357

 40, 63.650,
284.357

 90, 63.650,
284.357

 30, 63.650,
284.357

 20, 63.650,
284.357

 10, 63.650,
284.357

 0, 63.650, 284.357

 60, 63.650,

 60, 63.650,

284.357

284.357

■ 55, 73.685,
287.948

■ 65, 53.880,
281.109

■ 50, 83.967,
291.742

■ 71, 44.334,
278.254

■ 46, 94.333,
295.497

■ 77, 34.963,
275.792

■ 45, 95.799,
295.991

■ 83, 25.733,
273.690

■ 89, 16.624,
271.902

■ 95, 7.632, 270.392

100, 0.608,
110.005

Harmonies

Complementary

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



60, 63.650, 284.357



81, 63.986, 79.601

Rectangle

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



60, 63.650, 284.357



60, 63.650, 334.357



60, 63.650, 104.357



60, 63.650, 154.357

Sweetspot

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



60, 63.649, 284.358



88, 18.891, 272.309



90, 61.239, 163.019



45, 12.808, 272.793



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 63.649, 284.358



53, 77.481, 289.240



47, 100.351, 303.869



50, 5.080, 270.520



34, 76.053, 295.339



9, 30.504, 289.997

Inverse Universe

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



60, 69.973, 3.244



57, 79.116, 8.062



95, 81.717, 110.667



50, 5.839, 352.997



40, 69.078, 15.990



10, 31.299, 8.458

Previews

White Background



This preview shows how the CIE LCh color 60, 63.650, 284.357 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 60, 63.650, 284.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

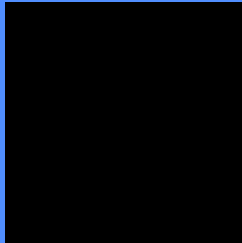
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

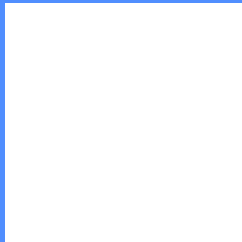
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 63.650, 284.357

Background



This preview shows how black text looks on a background with the CIELCh color 60, 63.650, 284.357.



This preview shows how white text looks on a background with the CIELCh color 60, 63.650, 284.357.

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

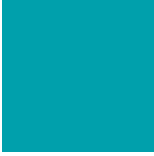
60, 63.650, 284.357

Protanopia

60, 63.408, 286.652

Deuteranopia

60, 61.748, 278.745



Tritanopia
60, 34.159, 208.238

Trichromacy



Original Color
60, 63.650, 284.357

Protanomaly
60, 63.473, 285.776

Deuteranomaly
60, 62.552, 280.763

Tritanomaly
59, 37.250, 246.560

Monochromacy



Original Color
60, 63.650, 284.357

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 24.179, 275.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 63.650, 284.357 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(80, 142, 254)` looks like.

```
.text, #text, p{  
    color:rgb(80, 142, 254)  
}
```

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(80, 142, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 142, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 63.650, 284.357 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(80, 142, 254) }
```

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

```
.border{ border-color:rgb(80, 142, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 142, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 142, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 142, 254);  
box-shadow:4px 4px 4px 4px rgb(80, 142,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 63.650, 284.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 142, 254) }
```

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

```
.background{ background-color: rgb(80, 142,  
254) }
```

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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