

Converting Colors

CIELCh(60, 64.492, 285.799)

Have a look what the booklet for
CIELCh(60, 64.492, 285.799)
contains.

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Color

CIELCh(60, 64.590, 285.834)

Conversions

Conversions Part 1

Format	Color
Hex	568DFF
RGB	86, 141, 255
RGB Percent	34%, 55%, 100%
CMY	0.6643, 0.4482, 0.0013
CMYK	0.66, 0.45, 0.00, 0.00
HSL	220°, 100%, 67%
HSV	220°, 66%, 100%
XYZ	31.2808, 28.1233, 98.1102
YIQ	137.5510, -69.3740, 23.7940

Conversions

Conversions Part 2

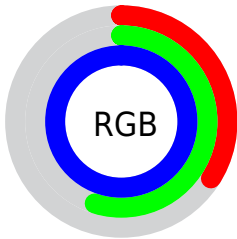
Format	Color
R _Y B	86, 127, 255
Decimal	5672447
CIE Lab	60.00, 17.62, -62.14
CIE LCh	60, 64.590, 285.834
Yxy	28.1233, 0.1986, 0.1785
Android (android.graphics.Color)	4283862527 (0xFF568DFF)
YUV	137.5510, 57.9024, -45.2102
Hunter-Lab	53.0314, 12.4838, -72.5667

Details

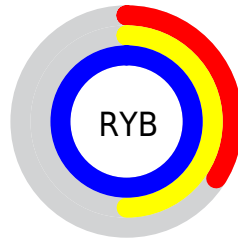
The CIELCh color **60, 64.590, 285.834** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **83, 63.137, 82.575**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.531, 271.412**, and **41, 63.769, 287.347** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.229, 289.256**, and if you desaturate by 10%, it is **66, 54.248, 282.746**.

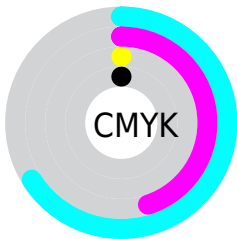
Distribution



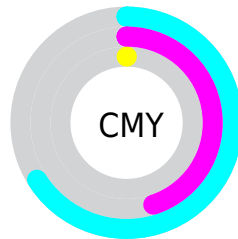
- Red (34%)
- Green (55%)
- Blue (100%)



- Red (34%)
- Yellow (50%)
- Blue (100%)



- Cyan (66%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (66%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 64.590, 285.834 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, 64.590, 285.834 by changing the saturation by 10% instead.

 60, 64.590,
285.834

 60, 64.590,
285.834


 100, 64.590,
285.834


 50, 64.590,
285.834


 80, 64.590,
285.834

 40, 64.590,
285.834

 90, 64.590,
285.834

 30, 64.590,
285.834

 20, 64.590,
285.834

 10, 64.590,
285.834

 0, 64.590, 285.834

 60, 64.590,

 60, 64.590,

285.834

285.834

■ 55, 75.229,
289.256

■ 66, 54.248,
282.746

■ 49, 86.120,
292.883

■ 72, 44.178,
280.037

■ 45, 97.034,
296.501

■ 78, 34.333,
277.702

■ 43, 100.917,
297.715

■ 84, 24.681,
275.706

■ 90, 15.199,
274.008

■ 96, 5.878, 272.579

100, 0.155,
109.667

Harmonies

Complementary

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



60, 64.590, 285.834



83, 63.137, 82.575

Rectangle

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



60, 64.590, 285.834



60, 64.590, 335.834



60, 64.590, 105.834



60, 64.590, 155.834

Sweetspot

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



60, 64.589, 285.835



88, 18.629, 274.590



90, 58.031, 165.636



45, 12.739, 275.068



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, 64.589, 285.835



53, 79.229, 290.556



49, 97.146, 304.200



50, 5.252, 272.994



32, 79.912, 297.096



8, 32.061, 292.025

Inverse Universe

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



61, 68.108, 4.987



57, 78.095, 9.844



95, 80.273, 112.352



50, 5.742, 355.038



40, 69.864, 18.885



10, 31.368, 10.868

Previews

White Background



This preview shows how the CIE LCh color 60, 64.590, 285.834 looks on a white background.

Color Contrast Check

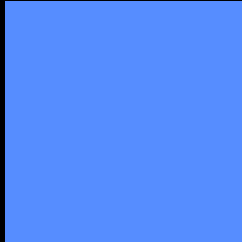
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.590, 285.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

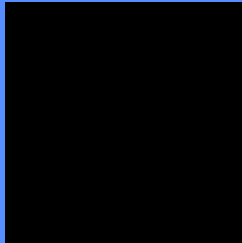
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

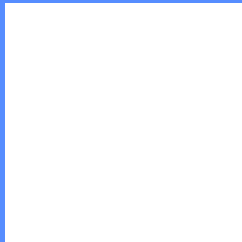
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 64.590, 285.834

Background



This preview shows how black text looks on a background with the CIELCh color 60, 64.590, 285.834.



This preview shows how white text looks on a background with the CIELCh color 60, 64.590, 285.834.

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, 64.590, 285.834

Protanopia

60, 64.503, 286.832

Deuteranopia

60, 61.793, 278.574



Tritanopia
60, 32.713, 209.915

Trichromacy



Original Color
60, 64.590, 285.834

Protanomaly
60, 64.554, 286.519

Deuteranomaly
60, 63.043, 281.113

Tritanomaly
59, 36.307, 249.881

Monochromacy



Original Color
60, 64.590, 285.834

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 24.564, 277.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 64.590, 285.834 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(86, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(86, 141, 255)  
}
```

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(86, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 141, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 64.590, 285.834 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(86, 141, 255) }
```

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

```
.border{ border-color:rgb(86, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 141,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 64.590, 285.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 141, 255) }
```

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

```
.background{ background-color: rgb(86, 141,  
255) }
```

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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