

Converting Colors

CIELCh(60, 67.300, 290.403)

Have a look what the booklet for
CIELCh(60, 67.300, 290.403)
contains.

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Color

CIELCh(60, 66.494, 290.284)

Conversions

Conversions Part 1

Format	Color
Hex	6889FF
RGB	104, 137, 255
RGB Percent	41%, 54%, 100%
CMY	0.5914, 0.4621, 0.0000
CMYK	0.59, 0.46, 0.00, 0.00
HSL	227°, 100%, 70%
HSV	227°, 59%, 100%
XYZ	32.7797, 28.1233, 98.4629
YIQ	140.5850, -57.5460, 29.7020

Conversions

Conversions Part 2

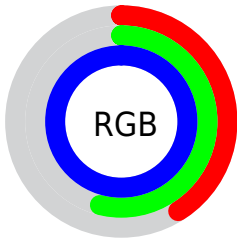
Format	Color
RYB	104, 131, 255
Decimal	6851071
CIELab	60.00, 23.05, -62.37
CIELCh	60, 66.494, 290.284
Yxy	28.1233, 0.2057, 0.1765
Android (android.graphics.Color)	4285041151 (0xFF6889FF)
YUV	140.5850, 56.4066, -32.0850
Hunter-Lab	53.0314, 17.5291, -72.9611

Details

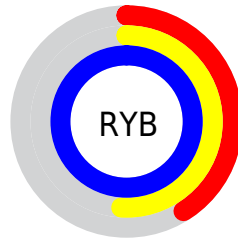
The CIELCh color **60, 66.494, 290.284** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **89, 60.799, 91.931**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.401, 280.903**, and **40, 66.127, 290.098** is the 20% darker color. If you saturate the color by 10%, you get **54, 78.932, 293.156**, and if you desaturate by 10%, it is **67, 54.254, 287.670**.

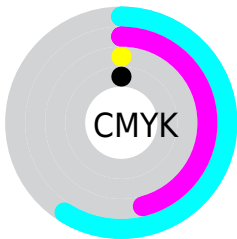
Distribution



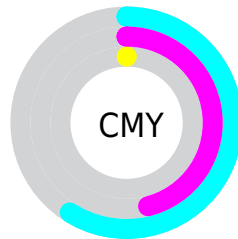
- Red (41%)
- Green (54%)
- Blue (100%)



- Red (41%)
- Yellow (51%)
- Blue (100%)



- Cyan (59%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




- Cyan (59%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 66.494, 290.284 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 60, 66.494, 290.284 by changing the saturation by 10% instead.

 60, 66.494,
290.284


 60, 66.494,
290.284


 100, 66.494,
290.284


 50, 66.494,
290.284


 80, 66.494,
290.284

 40, 66.494,
290.284

 90, 66.494,
290.284


 30, 66.494,
290.284

 20, 66.494,
290.284

 10, 66.494,
290.284

 0, 66.494, 290.284

 60, 66.494,

 60, 66.494,

290.284

■ 54, 78.932,
293.156

■ 48, 91.711,
296.248

■ 42, 104.276,
299.340

■ 38, 115.740,
302.131

■ 38, 116.649,
302.339

290.284

■ 67, 54.254,
287.670

■ 73, 42.527,
285.410

■ 80, 31.184,
283.469

■ 87, 20.188,
281.811

■ 94, 9.509, 280.404

■ 100, 0.012,
296.813

Harmonies

Complementary

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



60, 66.494, 290.284



89, 60.799, 91.931

Rectangle

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



60, 66.494, 290.284



60, 66.494, 340.284



60, 66.494, 110.284



60, 66.494, 160.284

Sweetspot

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



60, 66.394, 290.262



88, 18.960, 281.639



92, 48.588, 174.278



45, 13.229, 282.086



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, 66.394, 290.262



53, 81.306, 293.722



55, 85.939, 305.643



50, 5.921, 280.451



28, 92.528, 301.873



6, 36.946, 297.030

Inverse Universe

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



64, 61.209, 11.229



59, 72.457, 15.094



95, 74.303, 117.169



50, 5.466, 2.690



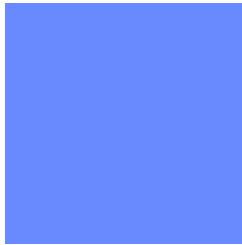
40, 74.050, 28.175



10, 31.876, 17.773

Previews

White Background



This preview shows how the CIE LCh color 60, 66.494, 290.284 looks on a white background.

Color Contrast Check

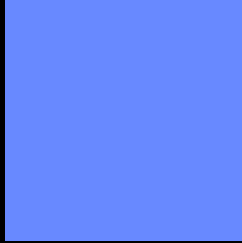
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 66.494, 290.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

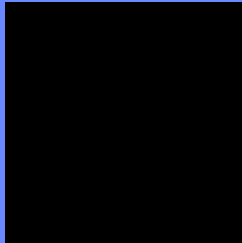
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 66.494, 290.284

Background



This preview shows how black text looks on a background with the CIELCh color 60, 66.494, 290.284.

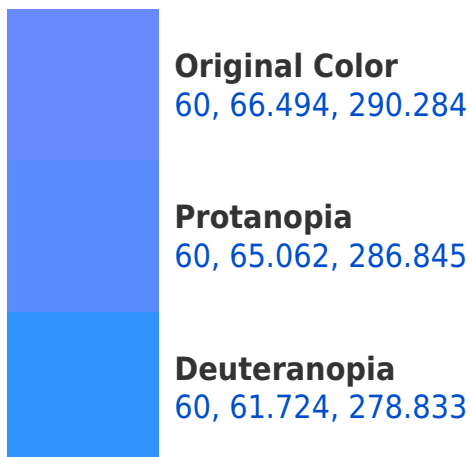



This preview shows how white text looks on a background with the CIELCh color 60, 66.494, 290.284.

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





Tritanopia
60, 27.050, 211.894

Trichromacy



Original Color
60, 66.494, 290.284

Protanomaly
60, 65.520, 288.027

Deuteranomaly
60, 63.360, 282.601

Tritanomaly
60, 33.069, 257.992

Monochromacy



Original Color
60, 66.494, 290.284

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.037, 283.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 66.494, 290.284 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(104, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(104, 137, 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(104, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 137, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 66.494, 290.284 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(104, 137, 255) }
```

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

```
.border{ border-color:rgb(104, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(104, 137,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 66.494, 290.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 137, 255) }
```

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

```
.background{ background-color: rgb(104,  
137, 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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