

Converting Colors

CIELCh(60, 58.473, 285.296)

Have a look what the booklet for
CIELCh(60, 58.473, 285.296)
contains.

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Color

CIELCh(60, 58.474, 285.295)

Conversions

Conversions Part 1

Format	Color
Hex	5F8DF4
RGB	95, 141, 244
RGB Percent	37%, 55%, 96%
CMY	0.6262, 0.4461, 0.0420
CMYK	0.61, 0.42, 0.00, 0.04
HSL	221°, 87%, 67%
HSV	221°, 61%, 96%
XYZ	30.6869, 28.1233, 89.6269
YIQ	138.9880, -60.4790, 22.2810

Conversions

Conversions Part 2

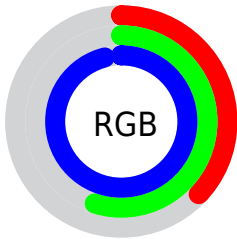
Format	Color
R _{YB}	95, 130, 244
Decimal	6262260
CIE Lab	60.00, 15.42, -56.40
CIE LCh	60, 58.474, 285.295
Yxy	28.1233, 0.2067, 0.1895
Android (android.graphics.Color)	4284452340 (0xFF5F8DF4)
YUV	138.9880, 51.7709, -38.5775
Hunter-Lab	53.0314, 10.4848, -63.0824

Details

The CIELCh color **60, 58.474, 285.295** 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 **82, 56.873, 84.875**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.116, 273.584**, and **40, 58.148, 285.050** is the 20% darker color. If you saturate the color by 10%, you get **54, 68.940, 288.485**, and if you desaturate by 10%, it is **66, 48.309, 282.460**.

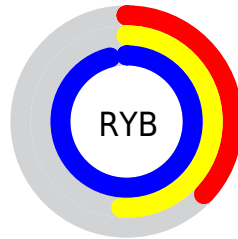
Distribution



Red (37%)

Green (55%)

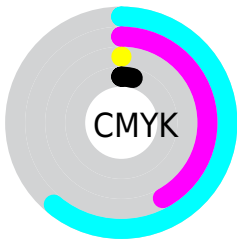
Blue (96%)



Red (37%)

Yellow (51%)

Blue (96%)

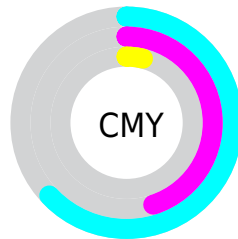


Cyan (61%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (63%)


Magenta (45%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 58.474, 285.295 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, 58.474, 285.295 by changing the saturation by 10% instead.


 60, 58.474,
285.295


 60, 58.474,
285.295


 100, 58.474,
285.295


 50, 58.474,
285.295


 80, 58.474,
285.295

 40, 58.474,
285.295

 90, 58.474,
285.295

 30, 58.474,
285.295

 20, 58.474,
285.295

 10, 58.474,
285.295

 0, 58.474, 285.295

 60, 58.474,

 60, 58.474,

285.295

■ 54, 68.940,
288.485

■ 49, 79.693,
291.943

■ 44, 90.576,
295.498

■ 41, 100.195,
298.538

285.295

■ 66, 48.309,
282.460

■ 72, 38.413,
279.995

■ 78, 28.746,
277.879

■ 84, 19.281,
276.074

■ 90, 10.000,
274.540

■ 96, 0.893, 273.480

■ 100, 5.421,
109.759

Harmonies

Complementary

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



60, 58.474, 285.295



82, 56.873, 84.875

Rectangle

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



60, 58.474, 285.295



60, 58.474, 335.295



60, 58.474, 105.295



60, 58.474, 155.295

Sweetspot

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



60, 58.473, 285.296



89, 17.081, 275.596



88, 51.825, 167.702



46, 11.902, 276.070



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, 58.473, 285.296



56, 73.625, 289.223



51, 85.863, 303.804



48, 5.178, 274.333



31, 80.300, 297.953



7, 30.472, 292.010

Inverse Universe

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



61, 61.097, 4.767



59, 73.396, 8.580



92, 72.670, 113.344



48, 5.502, 356.233



39, 68.961, 20.386



9, 29.661, 10.679

Previews

White Background



This preview shows how the CIE LCh color 60, 58.474, 285.295 looks on a white background.

Color Contrast Check

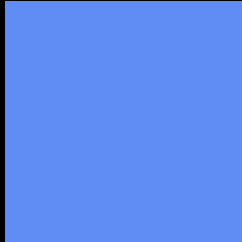
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.474, 285.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

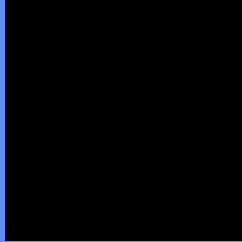
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

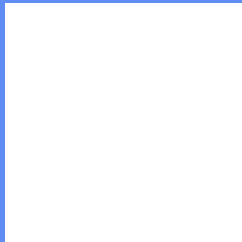
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 58.474, 285.295

Background



This preview shows how black text looks on a background with the CIELCh color 60, 58.474, 285.295.



This preview shows how white text looks on a background with the CIELCh color 60, 58.474, 285.295.

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

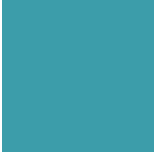
60, 58.474, 285.295

Protanopia

60, 58.902, 286.715

Deuteranopia

60, 56.475, 279.333



Tritanopia
60, 28.296, 212.357

Trichromacy



Original Color
60, 58.474, 285.295

Protanomaly
60, 58.957, 286.321

Deuteranomaly
60, 56.734, 281.123

Tritanomaly
60, 32.447, 252.216

Monochromacy



Original Color
60, 58.474, 285.295

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 21.592, 277.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 58.474, 285.295 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(95, 141, 244)` looks like.

```
.text, #text, p{  
    color:rgb(95, 141, 244)  
}
```

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(95, 141, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 141, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 58.474, 285.295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

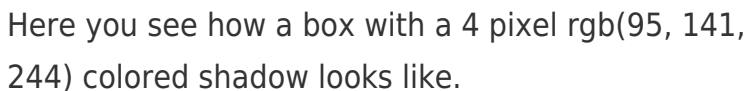
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 141, 244) }
```

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

```
.border{ border-color:rgb(95, 141, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 141, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 141, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 141, 244);  
box-shadow:4px 4px 4px 4px rgb(95, 141,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 58.474, 285.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 141, 244) }
```

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

```
.background{ background-color: rgb(95, 141,  
244) }
```

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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