

Converting Colors

CIELCh(57, 63.966, 286.728)

Have a look what the booklet for
CIELCh(57, 63.966, 286.728)
contains.

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Color

CIELCh(57, 64.037, 286.811)

Conversions

Conversions Part 1

Format	Color
Hex	5184F4
RGB	81, 132, 244
RGB Percent	32%, 52%, 96%
CMY	0.6804, 0.4810, 0.0416
CMYK	0.67, 0.46, 0.00, 0.04
HSL	221°, 88%, 64%
HSV	221°, 67%, 96%
XYZ	28.1221, 24.9227, 89.2331
YIQ	129.5190, -66.3480, 24.0200

Conversions

Conversions Part 2

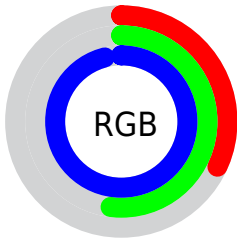
Format	Color
R _Y B	81, 120, 244
Decimal	5342452
CIE Lab	57.00, 18.52, -61.30
CIE LCh	57, 64.037, 286.811
Yxy	24.9227, 0.1977, 0.1752
Android (android.graphics.Color)	4283532532 (0xFF5184F4)
YUV	129.5190, 56.4391, -42.5512
Hunter-Lab	49.9226, 13.1871, -71.0308

Details

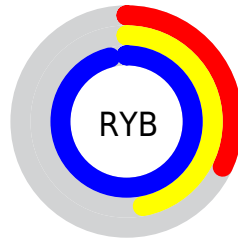
The CIELCh color **57, 64.037, 286.811** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **81, 61.751, 83.697**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.005, 276.305**, and **37, 63.898, 289.139** is the 20% darker color. If you saturate the color by 10%, you get **52, 74.602, 290.183**, and if you desaturate by 10%, it is **63, 53.772, 283.760**.

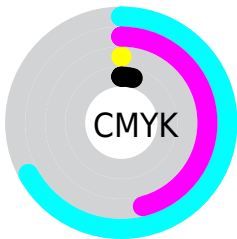
Distribution



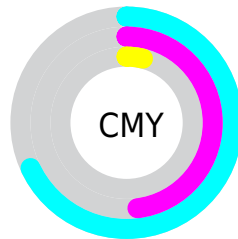
- Red (32%)
- Green (52%)
- Blue (96%)



- Red (32%)
- Yellow (47%)
- Blue (96%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (68%)
- Magenta (48%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 64.037, 286.811 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 57, 64.037, 286.811 by changing the saturation by 10% instead.

■ 57, 64.037,
286.811

■ 57, 64.037,
286.811

■ 100, 64.037,
286.811

■ 47, 64.037,
286.811

■ 77, 64.037,
286.811

■ 37, 64.037,
286.811

■ 87, 64.037,
286.811

■ 27, 64.037,
286.811

■ 97, 64.037,
286.811

■ 17, 64.037,
286.811

■ 7, 64.037, 286.811

■ 0, 64.037, 286.811

■ 57, 64.037,
286.811

■ 57, 64.037,
286.811

■ 52, 74.602,
290.183

■ 63, 53.772,
283.760

■ 47, 85.395,
293.740

■ 68, 43.791,
281.077

■ 42, 96.146,
297.264

■ 74, 34.054,
278.761

■ 41, 99.659,
298.347

■ 80, 24.527,
276.780

■ 86, 15.187,
275.092

■ 92, 6.020, 273.669

■ 98, 2.978, 92.292

■ 100, 5.364,
109.763

Harmonies

Complementary

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



57, 64.037, 286.811



81, 61.751, 83.697

Rectangle

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



57, 64.037, 286.811



57, 64.037, 336.811



57, 64.037, 106.811



57, 64.037, 156.811

Sweetspot

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



57, 64.037, 286.812



88, 18.930, 275.633



87, 55.422, 166.785



45, 12.948, 276.107



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 64.037, 286.812



52, 80.949, 291.424



47, 94.271, 304.562



48, 5.156, 274.044



31, 79.836, 297.756



7, 30.315, 291.820

Inverse Universe

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



59, 66.039, 6.103



57, 78.192, 11.008



92, 78.108, 113.140



48, 5.513, 355.969



39, 68.841, 20.035



9, 29.654, 10.428

Previews

White Background



This preview shows how the CIE LCh color 57, 64.037, 286.811 looks on a white background.

Color Contrast Check

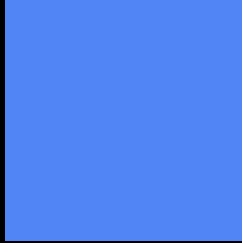
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 64.037, 286.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

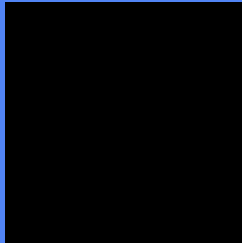
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

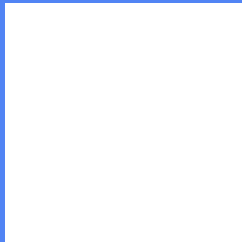
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 64.037, 286.811

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.037, 286.811.



This preview shows how white text looks on a background with the CIELCh color 57, 64.037, 286.811.

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

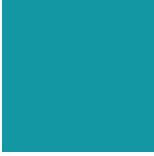
57, 64.037, 286.811

Protanopia

57, 64.012, 286.961

Deuteranopia

57, 61.266, 278.585



Tritanopia
57, 31.919, 209.273

Trichromacy



Original Color
57, 64.037, 286.811

Protanomaly
57, 64.012, 286.961

Deuteranomaly
57, 62.530, 281.178

Tritanomaly
56, 35.677, 250.416

Monochromacy



Original Color
57, 64.037, 286.811

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 24.159, 277.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.037, 286.811 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(81, 132, 244)` looks like.

```
.text, #text, p{  
    color:rgb(81, 132, 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(81, 132, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 132, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.037, 286.811 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(81, 132, 244) }
```

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

```
.border{ border-color:rgb(81, 132, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 132, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 132, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 132, 244);  
box-shadow:4px 4px 4px 4px rgb(81, 132,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.037, 286.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 132, 244) }
```

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

```
.background{ background-color: rgb(81, 132,  
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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