

Converting Colors

CIELCh(59, 64.780, 295.156)

Have a look what the booklet for
CIELCh(59, 64.780, 295.156)
contains.

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Color

CIELCh(59, 64.902, 295.149)

Conversions

Conversions Part 1

Format	Color
Hex	7B83F6
RGB	123, 131, 246
RGB Percent	48%, 51%, 96%
CMY	0.5184, 0.4869, 0.0360
CMYK	0.50, 0.47, 0.00, 0.04
HSL	236°, 87%, 72%
HSV	236°, 50%, 96%
XYZ	32.8413, 27.0277, 90.5231
YIQ	141.7180, -41.6830, 34.0690

Conversions

Conversions Part 2

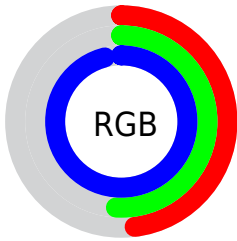
Format	Color
R _Y B	123, 131, 246
Decimal	8094710
CIE Lab	59.00, 27.58, -58.75
CIE LCh	59, 64.902, 295.149
Yxy	27.0277, 0.2184, 0.1797
Android (android.graphics.Color)	4286284790 (0xFF7B83F6)
YUV	141.7180, 51.4110, -16.4157
Hunter-Lab	51.9882, 21.7804, -66.8454

Details

The CIELCh color **59, 64.902, 295.149** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93, 57.352, 102.269**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 38.170, 292.658**, and **39, 64.899, 295.047** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.405, 297.450**, and if you desaturate by 10%, it is **66, 50.869, 293.103**.

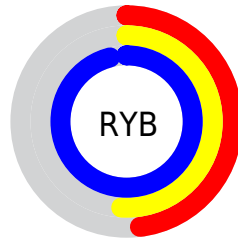
Distribution



Red (48%)

Green (51%)

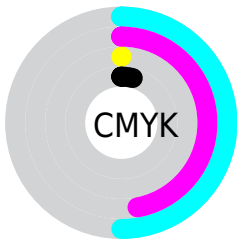
Blue (96%)



Red (48%)

Yellow (51%)

Blue (96%)

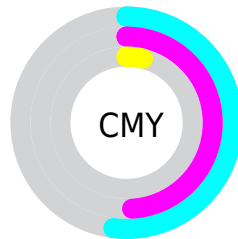


Cyan (50%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (52%)


Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 64.902, 295.149 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 59, 64.902, 295.149 by changing the saturation by 10% instead.

 59, 64.902,
295.149

 59, 64.902,
295.149

 100, 64.902,
295.149

 49, 64.902,
295.149

 79, 64.902,
295.149

 39, 64.902,
295.149

 89, 64.902,
295.149

 29, 64.902,
295.149

 99, 64.902,
295.149

 19, 64.902,
295.149

 9, 64.902, 295.149

 0, 64.902, 295.149

■ 59, 64.902,
295.149

■ 59, 64.902,
295.149

■ 52, 79.405,
297.450

■ 66, 50.869,
293.103

■ 45, 94.060,
299.907

■ 74, 37.389,
291.331

■ 39, 108.042,
302.316

■ 82, 24.452,
289.818

■ 35, 119.793,
304.364

■ 89, 12.020,
288.536

■ 32, 127.415,
305.703

■ 97, 0.053, 289.416

■ 100, 4.648,
109.814

Harmonies

Complementary

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



59, 64.902, 295.149



93, 57.352, 102.269

Rectangle

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



59, 64.902, 295.149



59, 64.902, 345.149



59, 64.902, 115.149



59, 64.902, 165.149

Sweetspot

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



59, 64.901, 295.150



88, 18.679, 289.149



90, 36.982, 190.376



45, 12.795, 289.424



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 64.901, 295.150



54, 81.766, 297.469



62, 70.398, 309.600



47, 6.777, 288.471



23, 102.684, 305.505



4, 38.095, 298.679

Inverse Universe

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



66, 50.968, 20.507



63, 64.063, 23.087



91, 64.476, 124.295



48, 5.091, 14.669



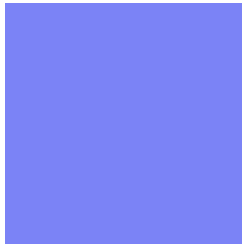
39, 79.832, 37.464



8, 30.625, 22.387

Previews

White Background



This preview shows how the CIELCh color 59, 64.902, 295.149 looks on a white background.

Color Contrast Check

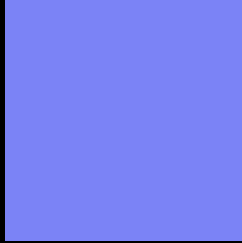
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 64.902, 295.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

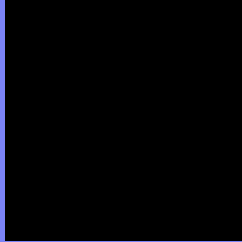
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 64.902, 295.149

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.902, 295.149.

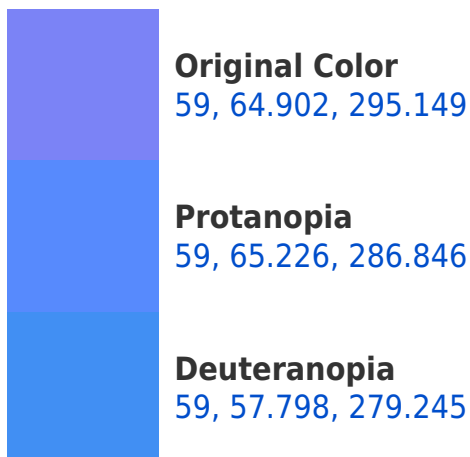


This preview shows how white text looks on a background with the CIELCh color 59, 64.902, 295.149.

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
59, 18.630, 219.545

Trichromacy



Original Color
59, 64.902, 295.149

Protanomaly
59, 65.063, 289.666

Deuteranomaly
59, 59.874, 284.587

Tritanomaly
59, 29.486, 270.653

Monochromacy



Original Color
59, 64.902, 295.149

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 23.855, 290.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.902, 295.149 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(123, 131, 246)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 246)  
}
```

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(123, 131, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.902, 295.149 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(123, 131, 246) }
```

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

```
.border{ border-color:rgb(123, 131, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 131, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 131, 246); box-shadow:4px 4px 4px 4px rgb(123, 131, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.902, 295.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 246) }
```

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

```
.background{ background-color: rgb(123,  
131, 246) }
```

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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