

Converting Colors

CIELCh(59, 69.440, 295.583)

Have a look what the booklet for
CIELCh(59, 69.440, 295.583)
contains.

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Color

CIELCh(59, 69.346, 295.522)

Conversions

Conversions Part 1

Format	Color
Hex	7982FD
RGB	121, 130, 253
RGB Percent	47%, 51%, 99%
CMY	0.5265, 0.4911, 0.0088
CMYK	0.52, 0.49, 0.00, 0.01
HSL	236°, 97%, 73%
HSV	236°, 52%, 99%
XYZ	33.4905, 27.0277, 96.1666
YIQ	141.3310, -44.8470, 36.3450

Conversions

Conversions Part 2

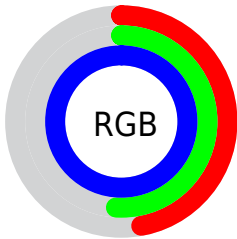
Format	Color
RYB	121, 129, 253
Decimal	7963389
CIELab	59.00, 29.88, -62.58
CIELCh	59, 69.346, 295.522
Yxy	27.0277, 0.2137, 0.1725
Android (android.graphics.Color)	4286153469 (0xFF7982FD)
YUV	141.3310, 55.0528, -17.8303
Hunter-Lab	51.9882, 24.0092, -73.2815

Details

The CIELCh color $59, 69.346, 295.522$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $95, 60.838, 101.878$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 38.740, 292.734$, and $39, 69.609, 295.592$ is the 20% darker color. If you saturate the color by 10%, you get $52, 84.204, 297.881$, and if you desaturate by 10%, it is $67, 54.928, 293.407$.

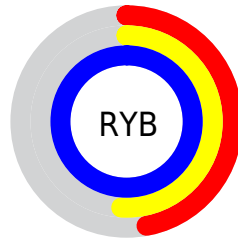
Distribution



Red (47%)

Green (51%)

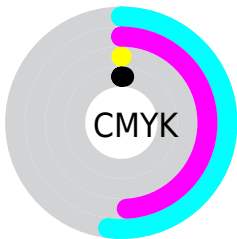
Blue (99%)



Red (47%)

Yellow (51%)

Blue (99%)

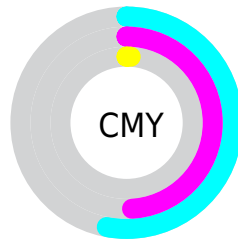


Cyan (52%)

Magenta (49%)

Yellow (0%)

Black (1%)



Cyan (53%)


Magenta (49%)


Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 69.346, 295.522 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, 69.346, 295.522 by changing the saturation by 10% instead.


 59, 69.346,
295.522


 59, 69.346,
295.522


 100, 69.346,
295.522


 49, 69.346,
295.522


 79, 69.346,
295.522

 39, 69.346,
295.522

 89, 69.346,
295.522

 29, 69.346,
295.522

 99, 69.346,
295.522

 19, 69.346,
295.522

 9, 69.346, 295.522

 0, 69.346, 295.522

■ 59, 69.346,
295.522

■ 59, 69.346,
295.522

■ 52, 84.204,
297.881

■ 67, 54.928,
293.407

■ 45, 99.098,
300.365

■ 74, 41.067,
291.567

■ 39, 113.044,
302.744

■ 82, 27.765,
289.993

■ 35, 124.314,
304.689

■ 90, 14.985,
288.657

■ 33, 130.027,
305.682

■ 98, 2.688, 287.554

100, 1.133,
110.025

Harmonies

Complementary

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



59, 69.346, 295.522



95, 60.838, 101.878

Rectangle

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



59, 69.346, 295.522



59, 69.346, 345.522



59, 69.346, 115.522



59, 69.346, 165.522

Sweetspot

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



59, 69.345, 295.523



88, 19.892, 289.136



92, 39.385, 188.568



45, 13.482, 289.410



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, 69.345, 295.523



52, 85.984, 298.078



62, 75.186, 309.247



49, 6.984, 288.332



24, 104.697, 305.485



4, 41.954, 300.571

Inverse Universe

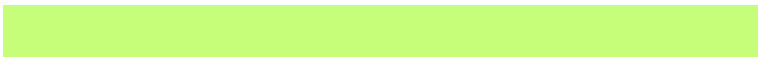
The Inverse Universe completely reimagines the original color for something new.



67, 54.619, 20.794



62, 67.412, 23.752



93, 68.305, 123.574



50, 5.267, 14.412



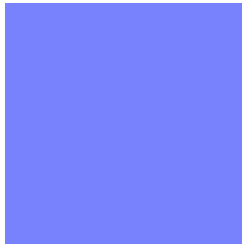
40, 81.393, 37.403



10, 32.826, 24.417

Previews

White Background



This preview shows how the CIELCh color 59, 69.346, 295.522 looks on a white background.

Color Contrast Check

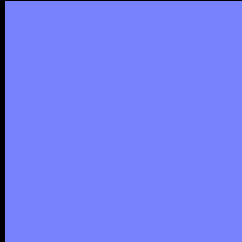
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 69.346, 295.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

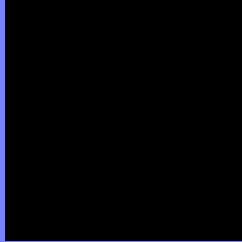
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 69.346, 295.522

Background



This preview shows how black text looks on a background with the CIELCh color 59, 69.346, 295.522.

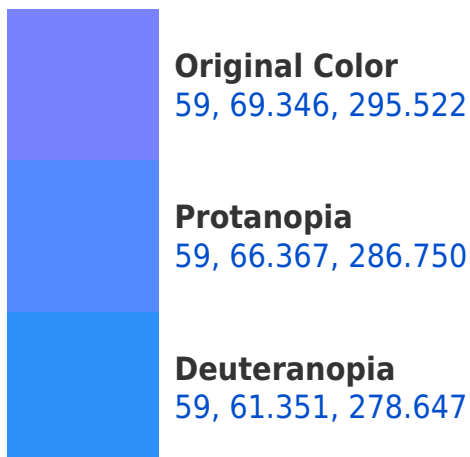


This preview shows how white text looks on a background with the CIELCh color 59, 69.346, 295.522.

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, 20.416, 217.419

Trichromacy



Original Color
59, 69.346, 295.522

Protanomaly
59, 67.289, 289.704

Deuteranomaly
59, 63.946, 284.090

Tritanomaly
58, 31.853, 270.924

Monochromacy



Original Color
59, 69.346, 295.522

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 25.580, 290.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 69.346, 295.522 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(121, 130, 253)` looks like.

```
.text, #text, p{  
    color:rgb(121, 130, 253)  
}
```

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(121, 130, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 130, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 69.346, 295.522 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(121, 130, 253) }
```

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

```
.border{ border-color:rgb(121, 130, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 130, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 130, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 130, 253);  
box-shadow:4px 4px 4px 4px rgb(121, 130,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 69.346, 295.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 130, 253) }
```

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

```
.background{ background-color: rgb(121,  
130, 253) }
```

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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