

Converting Colors

CIELCh(59, 73.815, 300.439)

Have a look what the booklet for
CIELCh(59, 73.815, 300.439)
contains.

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Color

CIELCh(59, 73.984, 300.516)

Conversions

Conversions Part 1

Format	Color
Hex	8A7CFF
RGB	138, 124, 255
RGB Percent	54%, 49%, 100%
CMY	0.4589, 0.5138, 0.0001
CMYK	0.46, 0.51, 0.00, 0.00
HSL	246°, 100%, 74%
HSV	246°, 51%, 100%
XYZ	35.7260, 27.0277, 97.9167
YIQ	143.1200, -33.7070, 43.7090

Conversions

Conversions Part 2

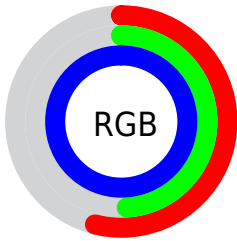
Format	Color
R_{YB}	138, 124, 255
Decimal	9075967
CIE _{Lab}	59.00, 37.57, -63.74
CIE _{LCh}	59, 73.984, 300.516
Yxy	27.0277, 0.2224, 0.1682
Android (android.graphics.Color)	4287266047 (0xFF8A7CFF)
YUV	143.1200, 55.1568, -4.4902
Hunter-Lab	51.9882, 31.6849, -75.2774

Details

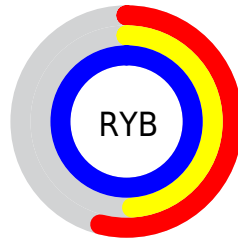
The CIELCh color $59, 73.984, 300.516$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $97, 64.246, 110.315$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $76, 42.648, 302.459$, and $39, 73.616, 300.445$ is the 20% darker color. If you saturate the color by 10%, you get $51, 89.740, 302.183$, and if you desaturate by 10%, it is $67, 58.460, 298.971$.

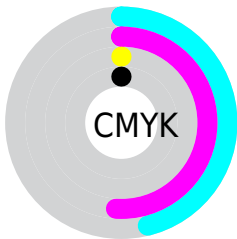
Distribution



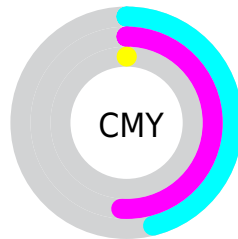
- Red (54%)
- Green (49%)
- Blue (100%)



- Red (54%)
- Yellow (49%)
- Blue (100%)



- Cyan (46%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 73.984, 300.516 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, 73.984, 300.516 by changing the saturation by 10% instead.


 59, 73.984,
300.516


 59, 73.984,
300.516


 100, 73.984,
300.516


 49, 73.984,
300.516


 79, 73.984,
300.516

 39, 73.984,
300.516

 89, 73.984,
300.516

 29, 73.984,
300.516

 99, 73.984,
300.516

 19, 73.984,
300.516

 9, 73.984, 300.516

 0, 73.984, 300.516

■ 59, 73.984,
300.516

■ 59, 73.984,
300.516

■ 51, 89.740,
302.183

■ 67, 58.460,
298.971

■ 45, 105.073,
303.849

■ 75, 43.435,
297.595

■ 39, 118.658,
305.297

■ 83, 28.988,
296.398

■ 35, 128.522,
306.238

■ 91, 15.120,
295.369

■ 33, 133.191,
306.570

■ 99, 1.803, 294.503

100, 0.003, 86.505

Harmonies

Complementary

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



59, 73.984, 300.516



97, 64.246, 110.315

Rectangle

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



59, 73.984, 300.516



59, 73.984, 350.516



59, 73.984, 120.516



59, 73.984, 170.516

Sweetspot

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



59, 73.983, 300.517



88, 20.082, 295.724



89, 34.154, 208.994



45, 13.759, 295.939



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, 73.983, 300.517



51, 90.727, 302.289



65, 75.404, 314.776



49, 7.530, 295.194



23, 107.170, 306.638



4, 44.374, 303.844

Inverse Universe

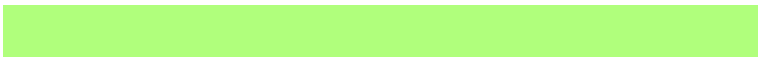
The Inverse Universe completely reimagines the original color for something new.



71, 74.052, 330.518



66, 86.327, 331.115



93, 71.248, 130.065



50, 8.417, 328.013



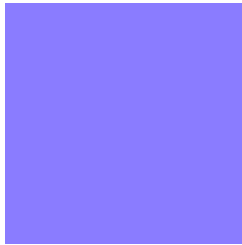
44, 85.582, 333.015



12, 39.771, 332.379

Previews

White Background



This preview shows how the CIELCh color 59, 73.984, 300.516 looks on a white background.

Color Contrast Check

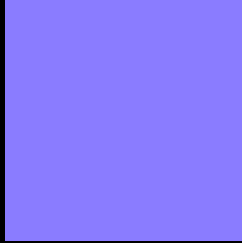
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.984, 300.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

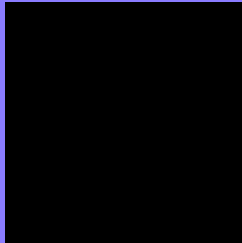
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 73.984, 300.516

Background



This preview shows how black text looks on a background with the CIELCh color 59, 73.984, 300.516.

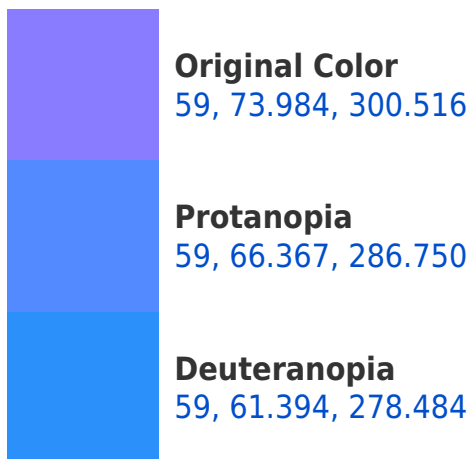



This preview shows how white text looks on a background with the CIELCh color 59, 73.984, 300.516.

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, 13.770, 228.246

Trichromacy



Original Color
59, 73.984, 300.516

Protanomaly
59, 68.881, 291.681

Deuteranomaly
59, 65.492, 285.787

Tritanomaly
58, 31.515, 283.282

Monochromacy



Original Color
59, 73.984, 300.516

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 27.374, 296.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 73.984, 300.516 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(138, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 124, 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(138, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 124, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 73.984, 300.516 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(138, 124, 255) }
```

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

```
.border{ border-color:rgb(138, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 124, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 124, 255); box-shadow:4px 4px 4px 4px rgb(138, 124, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 73.984, 300.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 124, 255) }
```

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

```
.background{ background-color: rgb(138,  
124, 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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