

Converting Colors

CIELCh(60, 95.915, 320.364)

Have a look what the booklet for
CIELCh(60, 95.915, 320.364)
contains.

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Color

CIELCh(60, 95.911, 320.367)

Conversions

Conversions Part 1

Format	Color
Hex	D755FE
RGB	215, 85, 254
RGB Percent	84%, 33%, 100%
CMY	0.1566, 0.6664, 0.0037
CMYK	0.15, 0.67, 0.00, 0.00
HSL	286°, 99%, 66%
HSV	286°, 67%, 100%
XYZ	49.1958, 28.1233, 96.6537
YIQ	143.1360, 23.2310, 80.1190

Conversions

Conversions Part 2

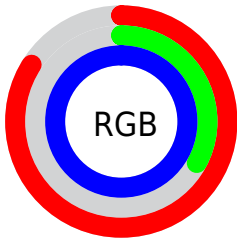
Format	Color
R _Y B	215, 85, 254
Decimal	14112254
CIE Lab	60.00, 73.87, -61.18
CIE LCh	60, 95.911, 320.367
Yxy	28.1233, 0.2828, 0.1617
Android (android.graphics.Color)	4292302334 (0xFFD755FE)
YUV	143.1360, 54.6560, 63.0247
Hunter-Lab	53.0314, 72.7846, -70.9384

Details

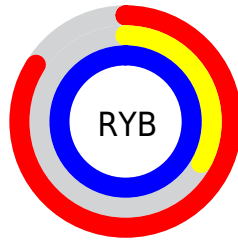
The CIELCh color **60, 95.911, 320.367** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **90, 93.509, 134.129**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 69.077, 326.784**, and **40, 95.710, 320.421** is the 20% darker color. If you saturate the color by 10%, you get **56, 106.019, 320.381**, and if you desaturate by 10%, it is **65, 83.555, 320.179**.

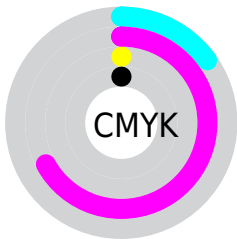
Distribution



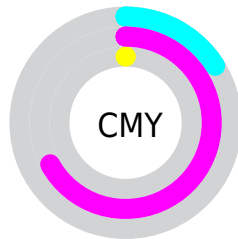
- Red (84%)
- Green (33%)
- Blue (100%)



- Red (84%)
- Yellow (33%)
- Blue (100%)



- Cyan (15%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (67%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 95.911, 320.367 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, 95.911, 320.367 by changing the saturation by 10% instead.


 60, 95.911,
320.367


 60, 95.911,
320.367


 100, 95.911,
320.367


 50, 95.911,
320.367


 80, 95.911,
320.367

 40, 95.911,
320.367

 90, 95.911,
320.367


 30, 95.911,
320.367

 20, 95.911,
320.367

 10, 95.911,
320.367

 0, 95.911, 320.367

 60, 95.911,

 60, 95.911,

320.367

320.367

■ 56, 106.019,
320.381

■ 65, 83.555,
320.179

■ 53, 113.215,
320.167

■ 70, 69.693,
319.868

■ 51, 117.181,
319.690

■ 76, 54.959,
319.480

■ 50, 118.080,
319.486

■ 82, 39.836,
319.049

■ 89, 24.659,
318.599

■ 95, 9.644, 318.141

100, 0.464,
109.976

Harmonies

Complementary

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



60, 95.911, 320.367



90, 93.509, 134.129

Rectangle

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



60, 95.911, 320.367



60, 95.911, 10.367



60, 95.911, 140.367



60, 95.911, 190.367

Sweetspot

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



60, 95.909, 320.367



87, 30.025, 318.757



56, 73.868, 291.578



44, 20.521, 318.883



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, 95.909, 320.367



55, 109.199, 320.334



64, 81.402, 338.290



50, 8.461, 318.281



38, 95.312, 319.621



9, 43.661, 320.582

Inverse Universe

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



61, 68.085, 12.537



57, 79.534, 17.816



89, 82.948, 145.828



50, 5.492, 1.782



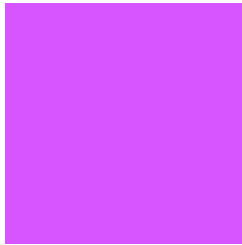
40, 73.480, 27.204



10, 31.806, 17.103

Previews

White Background



This preview shows how the CIELCh color 60, 95.911, 320.367 looks on a white background.

Color Contrast Check

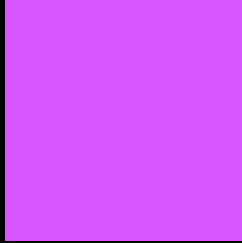
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.911, 320.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

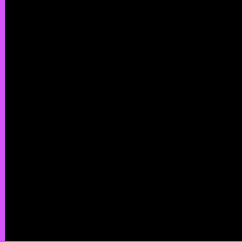
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 95.911, 320.367

Background



This preview shows how black text looks on a background with the CIELCh color 60, 95.911, 320.367.

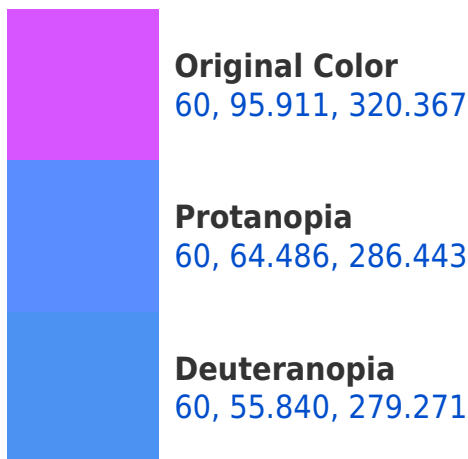


This preview shows how white text looks on a background with the CIELCh color 60, 95.911, 320.367.

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
60, 31.234, 13.892

Trichromacy



Original Color
60, 95.911, 320.367



Protanomaly
58, 75.836, 300.647



Deuteranomaly
58, 69.714, 298.132



Tritanomaly
59, 49.971, 337.619

Monochromacy



Original Color
60, 95.911, 320.367



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 38.439, 319.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 95.911, 320.367 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(215, 85, 254)` looks like.

```
.text, #text, p{  
    color:rgb(215, 85, 254)  
}
```

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(215, 85, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 85, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 95.911, 320.367 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(215, 85, 254) }
```

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

```
.border{ border-color:rgb(215, 85, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 85, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 85, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 85, 254);  
box-shadow:4px 4px 4px 4px rgb(215, 85,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 95.911, 320.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 85, 254) }
```

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

```
.background{ background-color: rgb(215, 85,  
254) }
```

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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