

Converting Colors

CIELCh(60, 92.597, 320.815)

Have a look what the booklet for
CIELCh(60, 92.597, 320.815)
contains.

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Color

CIELCh(60, 92.319, 320.759)

Conversions

Conversions Part 1

Format	Color
Hex	D658F9
RGB	214, 88, 249
RGB Percent	84%, 35%, 98%
CMY	0.1607, 0.6548, 0.0234
CMYK	0.14, 0.65, 0.00, 0.02
HSL	287°, 93%, 66%
HSV	287°, 65%, 98%
XYZ	48.3314, 28.1233, 92.5217
YIQ	144.0280, 23.4150, 76.7830

Conversions

Conversions Part 2

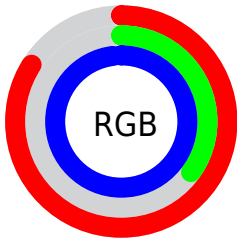
Format	Color
R_{YB}	214, 88, 249
Decimal	14047481
CIE _{Lab}	60.00, 71.50, -58.40
CIE _{LCh}	60, 92.319, 320.759
Yxy	28.1233, 0.2860, 0.1664
Android (android.graphics.Color)	4292237561 (0xFFD658F9)
YUV	144.0280, 51.7512, 61.3654
Hunter-Lab	53.0314, 69.8751, -66.3188

Details

The CIELCh color **60, 92.319, 320.759** 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 **88, 90.261, 134.531**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.933, 326.747**, and **40, 92.428, 320.645** is the 20% darker color. If you saturate the color by 10%, you get **56, 102.663, 320.815**, and if you desaturate by 10%, it is **65, 79.880, 320.542**.

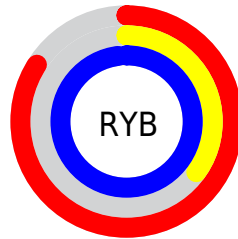
Distribution



Red (84%)

Green (35%)

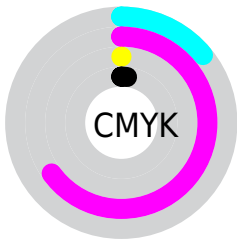
Blue (98%)



Red (84%)

Yellow (35%)

Blue (98%)

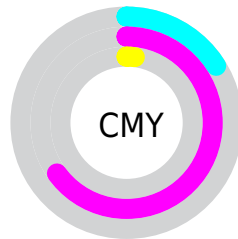


Cyan (14%)

Magenta (65%)

Yellow (0%)

Black (2%)



Cyan (16%)


Magenta (65%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 92.319, 320.759 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, 92.319, 320.759 by changing the saturation by 10% instead.


 60, 92.319,
320.759


 60, 92.319,
320.759


 100, 92.319,
320.759


 50, 92.319,
320.759


 80, 92.319,
320.759

 40, 92.319,
320.759

 90, 92.319,
320.759


 30, 92.319,
320.759

 20, 92.319,
320.759

 10, 92.319,
320.759

 0, 92.319, 320.759

 60, 92.319,

 60, 92.319,

320.759

56, 102.663,
320.815

53, 110.245,
320.661

51, 114.678,
320.257

50, 116.046,
319.960

320.759

65, 79.880,
320.542

70, 66.060,
320.213

76, 51.456,
319.814

82, 36.521,
319.377

88, 21.563,
318.925

95, 6.786, 318.456

100, 3.222,
129.554

100, 3.020,
109.927

Harmonies

Complementary

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



60, 92.319, 320.759



88, 90.261, 134.531

Rectangle

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



60, 92.319, 320.759



60, 92.319, 10.759



60, 92.319, 140.759



60, 92.319, 190.759

Sweetspot

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



60, 92.317, 320.759



87, 28.601, 319.123



56, 70.416, 291.002



45, 19.720, 319.253



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, 92.317, 320.759



56, 107.533, 320.788



63, 78.545, 338.091



49, 8.353, 318.688



38, 94.162, 320.088



9, 42.431, 321.047

Inverse Universe

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



60, 65.368, 12.954



57, 78.326, 18.016



88, 79.730, 146.139



49, 5.374, 2.773



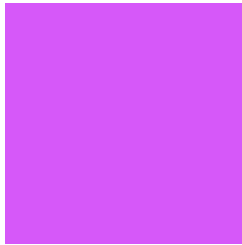
39, 73.332, 28.208



9, 30.908, 16.905

Previews

White Background



This preview shows how the CIELCh color 60, 92.319, 320.759 looks on a white background.

Color Contrast Check

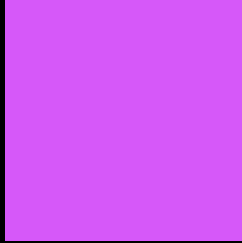
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.319, 320.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

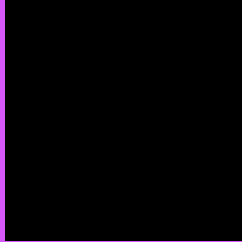
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 92.319, 320.759

Background



This preview shows how black text looks on a background with the CIELCh color 60, 92.319, 320.759.

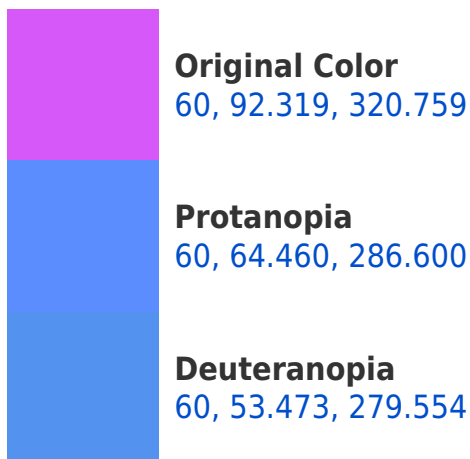


This preview shows how white text looks on a background with the CIELCh color 60, 92.319, 320.759.

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, 31.235, 12.874

Trichromacy



Original Color
60, 92.319, 320.759



Protanomaly
58, 74.145, 300.578



Deuteranomaly
58, 66.900, 298.564



Tritanomaly
59, 49.041, 338.208

Monochromacy



Original Color
60, 92.319, 320.759



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 36.620, 319.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 92.319, 320.759 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(214, 88, 249)` looks like.

```
.text, #text, p{  
    color:rgb(214, 88, 249)  
}
```

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(214, 88, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 88, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 92.319, 320.759 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(214, 88, 249) }
```

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

```
.border{ border-color:rgb(214, 88, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 88, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 88, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 88, 249);  
box-shadow:4px 4px 4px 4px rgb(214, 88,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 92.319, 320.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 88, 249) }
```

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

```
.background{ background-color: rgb(214, 88,  
249) }
```

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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