

Converting Colors

CIELCh(60, 93.363, 318.050)

Have a look what the booklet for
CIELCh(60, 93.363, 318.050)
contains.

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Color

CIELCh(60, 92.893, 318.174)

Conversions

Conversions Part 1

Format	Color
Hex	CE5CFF
RGB	206, 92, 255
RGB Percent	81%, 36%, 100%
CMY	0.1908, 0.6379, 0.0000
CMYK	0.19, 0.64, 0.00, 0.00
HSL	282°, 100%, 68%
HSV	282°, 64%, 100%
XYZ	47.5082, 28.1233, 97.8185
YIQ	144.6680, 15.6210, 74.8610

Conversions

Conversions Part 2

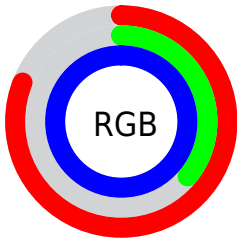
Format	Color
R _Y B	206, 92, 255
Decimal	13524223
CIE Lab	60.00, 69.22, -61.95
CIE LCh	60, 92.893, 318.174
Yxy	28.1233, 0.2739, 0.1621
Android (android.graphics.Color)	4291714303 (0xFFCE5CFF)
YUV	144.6680, 54.3937, 53.7882
Hunter-Lab	53.0314, 67.1041, -72.2407

Details

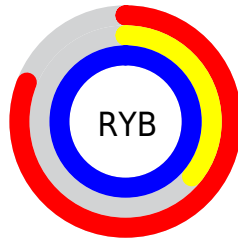
The CIELCh color **60, 92.893, 318.174** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **91, 88.911, 132.539**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.203, 326.690**, and **40, 92.830, 318.146** is the 20% darker color. If you saturate the color by 10%, you get **55, 104.019, 318.282**, and if you desaturate by 10%, it is **65, 79.560, 317.982**.

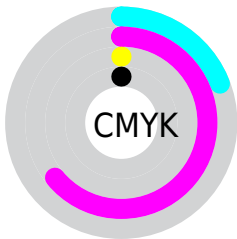
Distribution



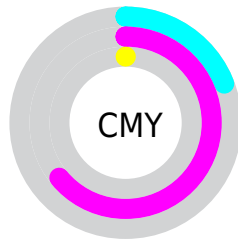
- Red (81%)
- Green (36%)
- Blue (100%)



- Red (81%)
- Yellow (36%)
- Blue (100%)



- Cyan (19%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (64%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 92.893, 318.174 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, 92.893, 318.174 by changing the saturation by 10% instead.


 60, 92.893,
318.174


 60, 92.893,
318.174


 100, 92.893,
318.174


 50, 92.893,
318.174


 80, 92.893,
318.174

 40, 92.893,
318.174

 90, 92.893,
318.174

 30, 92.893,
318.174

 20, 92.893,
318.174

 10, 92.893,
318.174

 0, 92.893, 318.174

 60, 92.893,

 60, 92.893,

318.174

■ 55, 104.019,
318.282

■ 52, 112.613,
318.107

■ 49, 117.947,
317.631

■ 48, 119.860,
317.205

318.174

■ 65, 79.560,
317.982

■ 71, 65.226,
317.634

■ 77, 50.315,
317.223

■ 84, 35.234,
316.784

■ 91, 20.245,
316.338

■ 97, 5.511, 315.881

100, 0.012,
296.813

Harmonies

Complementary

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



60, 92.893, 318.174



91, 88.911, 132.539

Rectangle

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



60, 92.893, 318.174



60, 92.893, 8.174



60, 92.893, 138.174



60, 92.893, 188.174

Sweetspot

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



60, 92.737, 318.218



87, 28.028, 316.570



60, 64.350, 286.758



45, 19.336, 316.698



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, 92.737, 318.218



54, 107.104, 318.256



65, 82.822, 334.952



50, 8.309, 316.147



36, 96.447, 317.369



8, 44.085, 318.533

Inverse Universe

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



62, 65.753, 6.310



58, 76.319, 10.866



90, 84.445, 144.059



50, 5.663, 356.876



40, 70.714, 21.342



10, 31.464, 12.811

Previews

White Background



This preview shows how the CIELCh color 60, 92.893, 318.174 looks on a white background.

Color Contrast Check

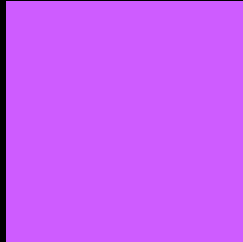
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.893, 318.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

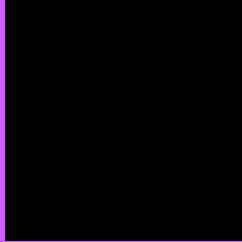
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 92.893, 318.174

Background



This preview shows how black text looks on a background with the CIELCh color 60, 92.893, 318.174.

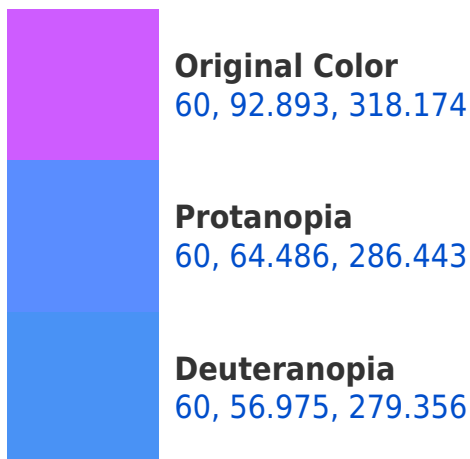


This preview shows how white text looks on a background with the CIELCh color 60, 92.893, 318.174.

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, 25.306, 10.880

Trichromacy



Original Color
60, 92.893, 318.174



Protanomaly
58, 74.624, 299.605



Deuteranomaly
58, 69.621, 296.466



Tritanomaly
59, 45.983, 332.728

Monochromacy



Original Color
60, 92.893, 318.174



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 36.512, 316.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 92.893, 318.174 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(206, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 92, 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(206, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 92, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 92.893, 318.174 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(206, 92, 255) }
```

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

```
.border{ border-color:rgb(206, 92, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 92, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 92,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 92.893, 318.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 92, 255) }
```

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

```
.background{ background-color: rgb(206, 92,  
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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