

Converting Colors

CIELCh(62, 90.282, 319.709)

Have a look what the booklet for
CIELCh(62, 90.282, 319.709)
contains.

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Color

CIELCh(62, 90.195, 319.744)

Conversions

Conversions Part 1

Format	Color
Hex	D862FF
RGB	216, 98, 255
RGB Percent	85%, 38%, 100%
CMY	0.1544, 0.6171, 0.0015
CMYK	0.15, 0.62, 0.00, 0.00
HSL	285°, 100%, 69%
HSV	285°, 62%, 100%
XYZ	50.5270, 30.4025, 97.4920
YIQ	151.1800, 19.9310, 73.8430

Conversions

Conversions Part 2

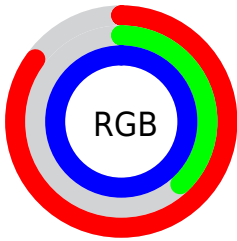
Format	Color
R _{YB}	216, 98, 255
Decimal	14181119
CIE _{Lab}	62.00, 68.83, -58.28
CIE _{LCh}	62, 90.195, 319.744
Y _{xy}	30.4025, 0.2832, 0.1704
Android (android.graphics.Color)	4292371199 (0xFFD862FF)
YUV	151.1800, 51.1833, 56.8471
Hunter-Lab	55.1385, 67.0790, -66.2354

Details

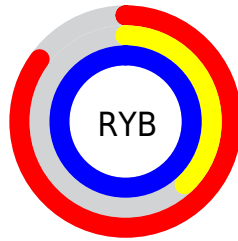
The CIELCh color **62, 90.195, 319.744** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **91, 87.557, 133.935**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **42, 90.021, 319.726** is the 20% darker color. If you saturate the color by 10%, you get **58, 101.615, 319.847**, and if you desaturate by 10%, it is **67, 76.927, 319.490**.

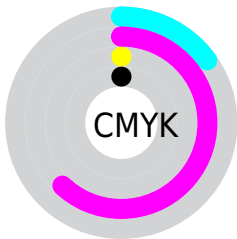
Distribution



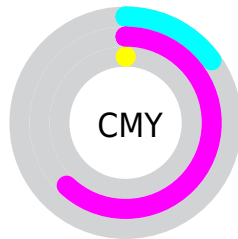
- Red (85%)
- Green (38%)
- Blue (100%)



- Red (85%)
- Yellow (38%)
- Blue (100%)



- Cyan (15%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (62%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 90.195, 319.744 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 62, 90.195, 319.744 by changing the saturation by 10% instead.


 62, 90.195,
319.744


 62, 90.195,
319.744

 100, 90.195,
319.744

 52, 90.195,
319.744


 82, 90.195,
319.744

 42, 90.195,
319.744

 92, 90.195,
319.744

 32, 90.195,
319.744

 22, 90.195,
319.744

 12, 90.195,
319.744

 2, 90.195, 319.744

 0, 90.195, 319.744

62, 90.195,
319.744

62, 90.195,
319.744

58, 101.615,
319.847

67, 76.927,
319.490

54, 110.443,
319.740

73, 62.520,
319.136

51, 116.115,
319.374

79, 47.532,
318.723

50, 118.629,
318.878

85, 32.362,
318.282

92, 17.275,
317.832

99, 2.434, 317.317

100, 0.181,
109.738

Harmonies

Complementary

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



62, 90.195, 319.744



91, 87.557, 133.935

Rectangle

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



62, 90.195, 319.744



62, 90.195, 9.744



62, 90.195, 139.744



62, 90.195, 189.744

Sweetspot

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



62, 90.193, 319.744



88, 26.863, 318.118



60, 66.496, 289.202



45, 18.707, 318.248



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 90.193, 319.744



57, 104.069, 319.843



66, 78.051, 337.014



50, 8.421, 317.735



37, 95.588, 319.022



9, 43.764, 320.040

Inverse Universe

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



63, 63.568, 9.629



58, 74.582, 13.837



90, 78.977, 146.020



50, 5.532, 0.483



40, 72.691, 25.751



10, 31.708, 16.081

Previews

White Background



This preview shows how the CIELCh color 62, 90.195, 319.744 looks on a white background.

Color Contrast Check

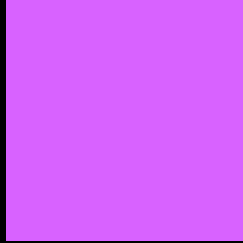
Large Text (above 18pt) WCAG AA × Fail

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 62, 90.195, 319.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

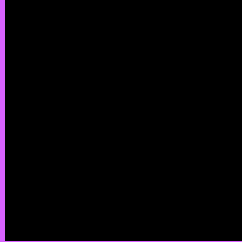
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 90.195, 319.744

Background



This preview shows how black text looks on a background with the CIELCh color 62, 90.195, 319.744.

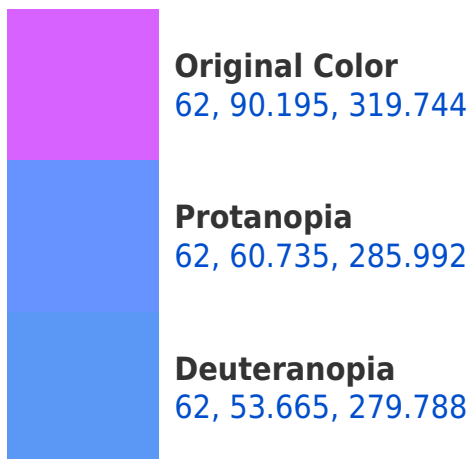


This preview shows how white text looks on a background with the CIELCh color 62, 90.195, 319.744.

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
62, 28.047, 12.350

Trichromacy



Original Color
62, 90.195, 319.744



Protanomaly
61, 70.910, 300.314



Deuteranomaly
60, 65.291, 297.819



Tritanomaly
61, 46.335, 336.020

Monochromacy



Original Color
62, 90.195, 319.744



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 35.418, 318.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 90.195, 319.744 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(216, 98, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 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(216, 98, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 90.195, 319.744 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(216, 98, 255) }
```

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

```
.border{ border-color:rgb(216, 98, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 98, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 98, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 98, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 98,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 90.195, 319.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 255) }
```

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

```
.background{ background-color: rgb(216, 98,  
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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