

Converting Colors

CIELCh(62, 90.272, 322.309)

Have a look what the booklet for
CIELCh(62, 90.272, 322.309)
contains.

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Color

CIELCh(62, 90.276, 322.314)

Conversions

Conversions Part 1

Format	Color
Hex	DF5DF9
RGB	223, 93, 249
RGB Percent	87%, 36%, 98%
CMY	0.1250, 0.6348, 0.0231
CMYK	0.10, 0.63, 0.00, 0.02
HSL	290°, 93%, 67%
HSV	290°, 63%, 98%
XYZ	51.5095, 30.4025, 92.8702
YIQ	149.6540, 27.4040, 76.0760

Conversions

Conversions Part 2

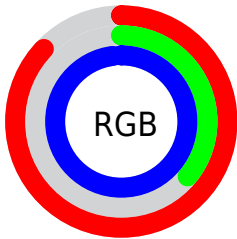
Format	Color
R _{YB}	223, 93, 249
Decimal	14638585
CIE Lab	62.00, 71.44, -55.19
CIE LCh	62, 90.276, 322.314
Yxy	30.4025, 0.2947, 0.1739
Android (android.graphics.Color)	4292828665 (0xFFDF5DF9)
YUV	149.6540, 48.9776, 64.3244
Hunter-Lab	55.1385, 70.2594, -61.2657

Details

The CIELCh color **62, 90.276, 322.314** 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, 89.165, 135.781**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **42, 90.321, 322.232** is the 20% darker color. If you saturate the color by 10%, you get **58, 100.805, 322.432**, and if you desaturate by 10%, it is **67, 77.693, 322.058**.

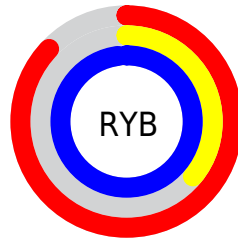
Distribution



Red (87%)

Green (36%)

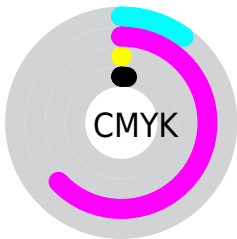
Blue (98%)



Red (87%)

Yellow (36%)

Blue (98%)

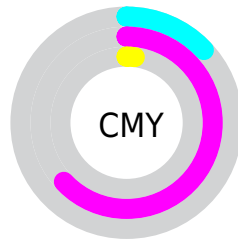


Cyan (10%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (13%)


Magenta (63%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 90.276, 322.314 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, 90.276, 322.314 by changing the saturation by 10% instead.


 62, 90.276,
322.314


 62, 90.276,
322.314


 100, 90.276,
322.314


 52, 90.276,
322.314


 82, 90.276,
322.314

 42, 90.276,
322.314

 92, 90.276,
322.314

 32, 90.276,
322.314

 22, 90.276,
322.314

 12, 90.276,
322.314

 2, 90.276, 322.314

 0, 90.276, 322.314

62, 90.276,
322.314

62, 90.276,
322.314

58, 100.805,
322.432

67, 77.693,
322.058

55, 108.641,
322.371

72, 63.740,
321.703

53, 113.395,
322.100

78, 49.001,
321.286

52, 115.218,
321.781

84, 33.920,
320.833

90, 18.810,
320.365

96, 3.877, 319.853

100, 3.146,
128.284

100, 2.973,
109.930

Harmonies

Complementary

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



62, 90.276, 322.314



88, 89.165, 135.781

Rectangle

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



62, 90.276, 322.314



62, 90.276, 12.314



62, 90.276, 142.314



62, 90.276, 192.314

Sweetspot

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



62, 90.274, 322.314



88, 28.985, 320.666



54, 74.323, 293.830



45, 19.977, 320.799



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, 90.274, 322.314



59, 104.853, 322.435



63, 73.602, 341.264



49, 8.473, 320.216



39, 93.483, 321.883



9, 42.185, 322.648

Inverse Universe

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



61, 63.903, 16.256



58, 77.105, 20.764



88, 73.651, 148.914



49, 5.283, 6.636



39, 75.824, 31.929



9, 31.156, 19.294

Previews

White Background



This preview shows how the CIELCh color 62, 90.276, 322.314 looks on a white background.

Color Contrast Check

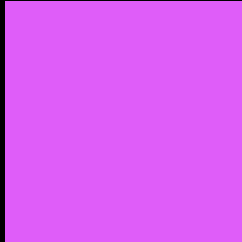
Large Text (above 18pt) WCAG AA × Fail

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, 90.276, 322.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

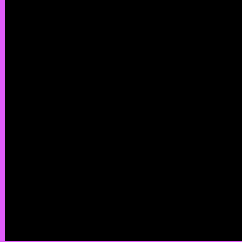
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 90.276, 322.314

Background



This preview shows how black text looks on a background with the CIELCh color 62, 90.276, 322.314.

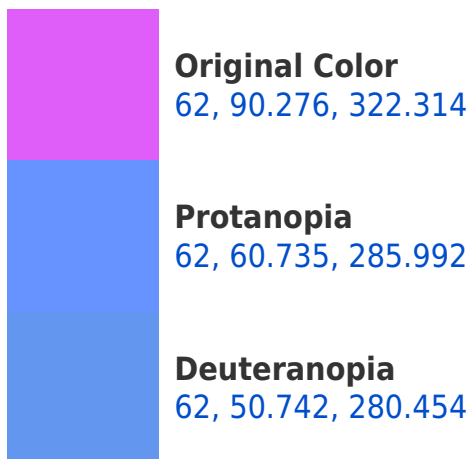


This preview shows how white text looks on a background with the CIELCh color 62, 90.276, 322.314.

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, 33.966, 14.030

Trichromacy



Original Color
62, 90.276, 322.314



Protanomaly
60, 71.072, 301.434



Deuteranomaly
60, 64.442, 300.474



Tritanomaly
61, 49.407, 340.930

Monochromacy



Original Color
62, 90.276, 322.314



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 36.386, 321.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 90.276, 322.314 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(223, 93, 249)` looks like.

```
.text, #text, p{  
    color:rgb(223, 93, 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(223, 93, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 93, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 90.276, 322.314 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(223, 93, 249) }
```

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

```
.border{ border-color:rgb(223, 93, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 93, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 93, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 93, 249);  
box-shadow:4px 4px 4px 4px rgb(223, 93,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 90.276, 322.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 93, 249) }
```

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

```
.background{ background-color: rgb(223, 93,  
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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