

Converting Colors

CIELCh(62, 90.408, 321.253)

Have a look what the booklet for
CIELCh(62, 90.408, 321.253)
contains.

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Color

CIELCh(62, 90.494, 321.145)

Conversions

Conversions Part 1

Format	Color
Hex	DC5FFC
RGB	220, 95, 252
RGB Percent	86%, 37%, 99%
CMY	0.1375, 0.6277, 0.0120
CMYK	0.13, 0.62, 0.00, 0.01
HSL	288°, 96%, 68%
HSV	288°, 62%, 99%
XYZ	51.1423, 30.4025, 95.2147
YIQ	150.2730, 24.1030, 75.3270

Conversions

Conversions Part 2

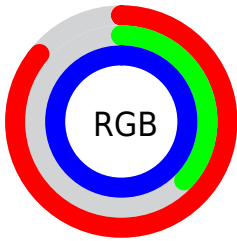
Format	Color
R _{YB}	220, 95, 252
Decimal	14442492
CIE _{Lab}	62.00, 70.47, -56.77
CIE _{LCh}	62, 90.494, 321.145
Yxy	30.4025, 0.2893, 0.1720
Android (android.graphics.Color)	4292632572 (0xFFDC5FFC)
YUV	150.2730, 50.1514, 61.1506
Hunter-Lab	55.1385, 69.0706, -63.7866

Details

The CIELCh color **62, 90.494, 321.145** 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 **89, 88.706, 134.970**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.873, 326.613**, and **42, 90.729, 321.032** is the 20% darker color. If you saturate the color by 10%, you get **58, 101.402, 321.248**, and if you desaturate by 10%, it is **67, 77.608, 320.896**.

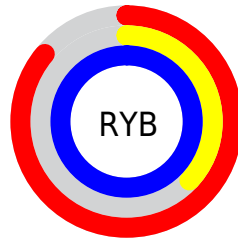
Distribution



Red (86%)

Green (37%)

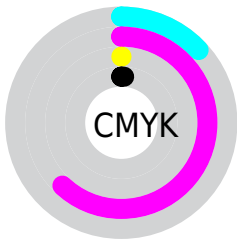
Blue (99%)



Red (86%)

Yellow (37%)

Blue (99%)

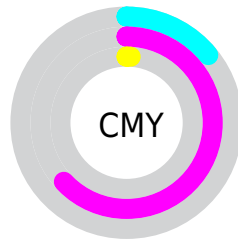


Cyan (13%)

Magenta (62%)

Yellow (0%)

Black (1%)



Cyan (14%)


Magenta (63%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 90.494, 321.145 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, 90.494, 321.145 by changing the saturation by 10% instead.


 62, 90.494,
321.145


 62, 90.494,
321.145


 100, 90.494,
321.145


 52, 90.494,
321.145


 82, 90.494,
321.145

 42, 90.494,
321.145

 92, 90.494,
321.145

 32, 90.494,
321.145

 22, 90.494,
321.145

 12, 90.494,
321.145

 2, 90.494, 321.145

 0, 90.494, 321.145

62, 90.494,
321.145

62, 90.494,
321.145

58, 101.402,
321.248

67, 77.608,
320.896

55, 109.646,
321.156

72, 63.446,
320.546

52, 114.763,
320.830

78, 48.583,
320.134

51, 116.828,
320.434

84, 33.447,
319.690

91, 18.330,
319.232

97, 3.420, 318.727

100, 1.543,
110.013

Harmonies

Complementary

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



62, 90.494, 321.145



89, 88.706, 134.970

Rectangle

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



62, 90.494, 321.145



62, 90.494, 11.145



62, 90.494, 141.145



62, 90.494, 191.145

Sweetspot

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



62, 90.492, 321.145



88, 28.702, 319.539



57, 69.829, 291.242



45, 19.788, 319.670



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, 90.492, 321.145



58, 104.903, 321.244



64, 76.354, 338.670



49, 8.385, 319.101



38, 93.969, 320.560



9, 42.361, 321.469

Inverse Universe

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



62, 63.827, 13.294



58, 76.177, 17.836



89, 77.023, 147.090



49, 5.347, 3.793



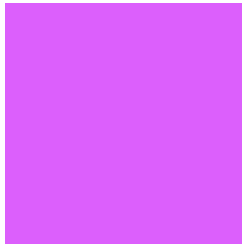
39, 73.978, 29.253



9, 30.973, 17.588

Previews

White Background



This preview shows how the CIELCh color 62, 90.494, 321.145 looks on a white background.

Color Contrast Check

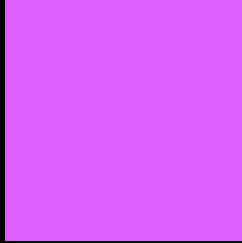
Large Text (above 18pt) WCAG AA × Fail

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, 90.494, 321.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

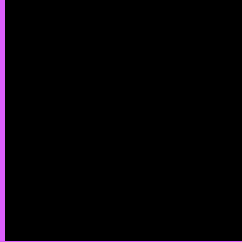
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 90.494, 321.145

Background



This preview shows how black text looks on a background with the CIELCh color 62, 90.494, 321.145.

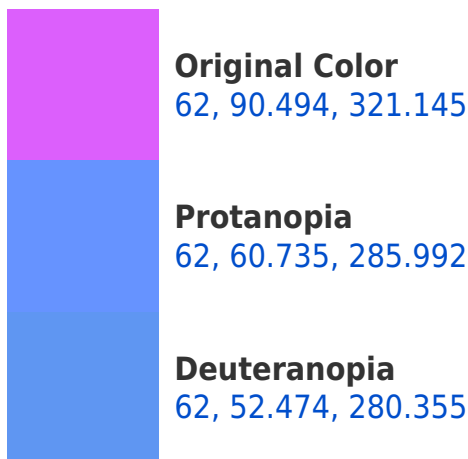


This preview shows how white text looks on a background with the CIELCh color 62, 90.494, 321.145.

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, 31.435, 12.916

Trichromacy



Original Color
62, 90.494, 321.145



Protanomaly
60, 70.990, 300.978



Deuteranomaly
60, 65.434, 299.267



Tritanomaly
61, 48.196, 339.092

Monochromacy



Original Color
62, 90.494, 321.145



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 35.908, 319.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 90.494, 321.145 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(220, 95, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 95, 252)  
}
```

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(220, 95, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 95, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 90.494, 321.145 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(220, 95, 252) }
```

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

```
.border{ border-color:rgb(220, 95, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 95, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 95, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 95, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 95,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 90.494, 321.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 95, 252) }
```

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

```
.background{ background-color: rgb(220, 95,  
252) }
```

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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