

Converting Colors

CIELCh(68, 75.995, 321.495)

Have a look what the booklet for
CIELCh(68, 75.995, 321.495)
contains.

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Color

CIELCh(68, 75.788, 321.596)

Conversions

Conversions Part 1

Format	Color
Hex	E57CFC
RGB	229, 124, 252
RGB Percent	90%, 49%, 99%
CMY	0.1031, 0.5147, 0.0129
CMYK	0.09, 0.51, 0.00, 0.01
HSL	289°, 95%, 74%
HSV	289°, 51%, 99%
XYZ	56.9244, 37.9720, 96.1932
YIQ	169.9870, 21.4920, 62.0680

Conversions

Conversions Part 2

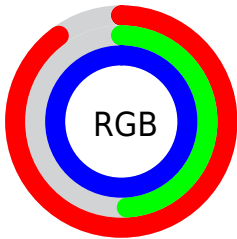
Format	Color
R _Y B	229, 124, 252
Decimal	15039740
CIE Lab	68.00, 59.39, -47.08
CIE LCh	68, 75.788, 321.596
Yxy	37.9720, 0.2979, 0.1987
Android (android.graphics.Color)	4293229820 (0xFFE57CFC)
YUV	169.9870, 40.4324, 51.7544
Hunter-Lab	61.6215, 57.0563, -49.4187

Details

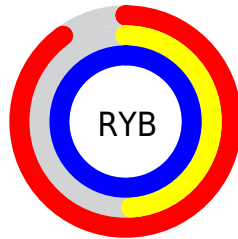
The CIELCh color **68, 75.788, 321.596** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **90, 74.561, 136.307**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 46.967, 326.049**, and **48, 75.985, 321.586** is the 20% darker color. If you saturate the color by 10%, you get **63, 88.807, 321.868**, and if you desaturate by 10%, it is **73, 61.523, 321.231**.

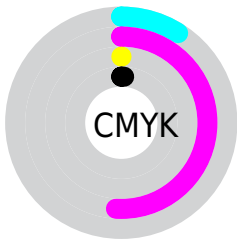
Distribution



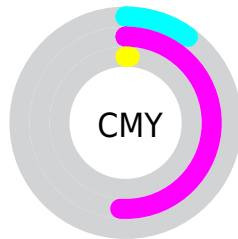
- Red (90%)
- Green (49%)
- Blue (99%)



- Red (90%)
- Yellow (49%)
- Blue (99%)



- Cyan (9%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)





- Cyan (10%)
- Magenta (51%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 75.788, 321.596 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 68, 75.788, 321.596 by changing the saturation by 10% instead.


 68, 75.788,
321.596


 68, 75.788,
321.596


 100, 75.788,
321.596


 58, 75.788,
321.596


 88, 75.788,
321.596

 48, 75.788,
321.596

 98, 75.788,
321.596

 38, 75.788,
321.596

 28, 75.788,
321.596

 18, 75.788,
321.596

 8, 75.788, 321.596

 0, 75.788, 321.596

68, 75.788,
321.596

68, 75.788,
321.596

63, 88.807,
321.868

73, 61.523,
321.231

59, 99.911,
322.006

79, 46.583,
320.808

56, 108.413,
321.966

85, 31.384,
320.355

53, 113.839,
321.711

92, 16.213,
319.889

52, 116.341,
321.299

98, 1.255, 319.250
100, 1.651,
110.008

Harmonies

Complementary

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



68, 75.788, 321.596



90, 74.561, 136.307

Rectangle

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



68, 75.788, 321.596



68, 75.788, 11.596



68, 75.788, 141.596



68, 75.788, 191.596

Sweetspot

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



68, 75.786, 321.596



90, 22.743, 320.085



64, 58.307, 289.979



47, 15.539, 320.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 75.786, 321.596



64, 89.929, 321.873



69, 63.176, 339.111



49, 8.442, 319.825



39, 93.647, 321.412



9, 42.244, 322.229

Inverse Universe

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



67, 52.053, 12.061



63, 63.322, 14.773



90, 62.591, 150.011



49, 5.304, 5.626



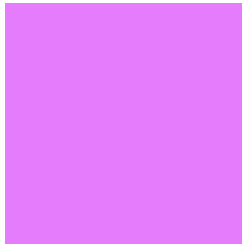
39, 75.164, 31.019



9, 31.091, 18.720

Previews

White Background



This preview shows how the CIELCh color 68, 75.788, 321.596 looks on a white background.

Color Contrast Check

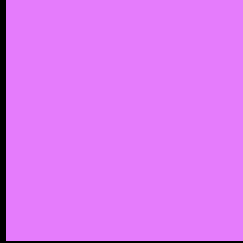
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 75.788, 321.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

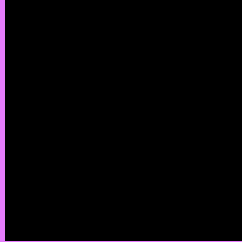
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 75.788, 321.596

Background



This preview shows how black text looks on a background with the CIELCh color 68, 75.788, 321.596.

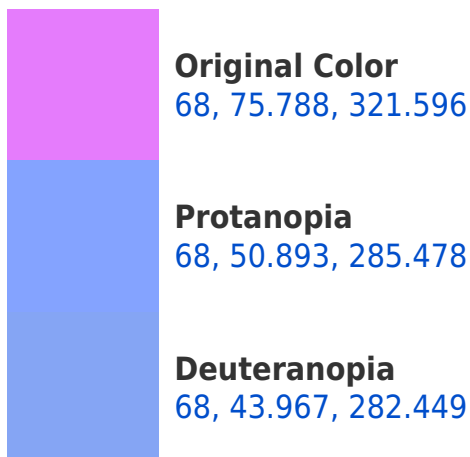



This preview shows how white text looks on a background with the CIELCh color 68, 75.788, 321.596.

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
68, 27.949, 9.965

Trichromacy



Original Color
68, 75.788, 321.596



Protanomaly
67, 58.317, 300.894



Deuteranomaly
67, 53.974, 301.068



Tritanomaly
68, 41.323, 339.515

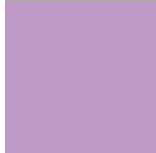
Monochromacy



Original Color
68, 75.788, 321.596



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 29.306, 320.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 75.788, 321.596 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(229, 124, 252)` looks like.

```
.text, #text, p{  
    color:rgb(229, 124, 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(229, 124, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 124, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 75.788, 321.596 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(229, 124, 252) }
```

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

```
.border{ border-color:rgb(229, 124, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 124, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 124, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 124, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 124,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 75.788, 321.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 124, 252) }
```

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

```
.background{ background-color: rgb(229,  
124, 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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