

Converting Colors

CIELCh(68, 57.715, 310.221)

Have a look what the booklet for
CIELCh(68, 57.715, 310.221)
contains.

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Color

CIELCh(68, 57.561, 310.045)

Conversions

Conversions Part 1

Format	Color
Hex	C091F6
RGB	192, 145, 246
RGB Percent	75%, 57%, 96%
CMY	0.2482, 0.4324, 0.0365
CMYK	0.22, 0.41, 0.00, 0.04
HSL	268°, 84%, 77%
HSV	268°, 41%, 96%
XYZ	48.3374, 37.9720, 91.7310
YIQ	170.5670, -4.4090, 41.3750

Conversions

Conversions Part 2

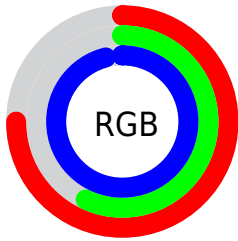
Format	Color
R _Y B	192, 145, 246
Decimal	12620278
CIE _{Lab}	68.00, 37.03, -44.07
CIE _{LCh}	68, 57.561, 310.045
Yxy	37.9720, 0.2715, 0.2133
Android (android.graphics.Color)	4290810358 (0xFFC091F6)
YUV	170.5670, 37.1885, 18.7967
Hunter-Lab	61.6215, 32.1824, -45.1254

Details

The CIELCh color `68, 57.561, 310.045` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `92, 53.927, 125.870`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 33.622, 323.030`, and `48, 57.138, 309.831` is the 20% darker color. If you saturate the color by 10%, you get `61, 72.038, 310.630`, and if you desaturate by 10%, it is `75, 43.085, 309.455`.

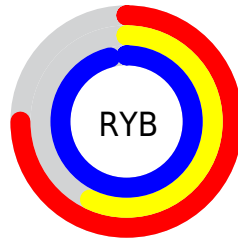
Distribution



Red (75%)

Green (57%)

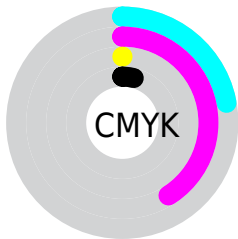
Blue (96%)



Red (75%)

Yellow (57%)

Blue (96%)

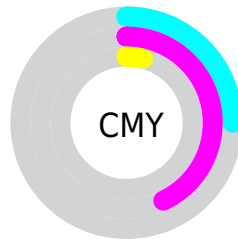


Cyan (22%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (25%)


Magenta (43%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 57.561, 310.045 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, 57.561, 310.045 by changing the saturation by 10% instead.


 68, 57.561,
310.045


 68, 57.561,
310.045


 100, 57.561,
310.045


 58, 57.561,
310.045


 88, 57.561,
310.045

 48, 57.561,
310.045

 98, 57.561,
310.045

 38, 57.561,
310.045

 28, 57.561,
310.045

 18, 57.561,
310.045

 8, 57.561, 310.045

 0, 57.561, 310.045

68, 57.561,
310.045

68, 57.561,
310.045

61, 72.038,
310.630

75, 43.085,
309.455

55, 86.118,
311.160

82, 28.842,
308.889

49, 99.145,
311.554

89, 14.949,
308.362

44, 110.182,
311.702

96, 1.462, 307.811

41, 118.163,
311.473

100, 4.703,
109.810

38, 122.476,
310.938

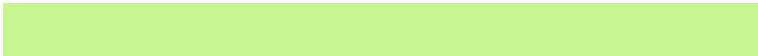
Harmonies

Complementary

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



68, 57.561, 310.045



92, 53.927, 125.870

Rectangle

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



68, 57.561, 310.045



68, 57.561, 0.045



68, 57.561, 130.045



68, 57.561, 180.045

Sweetspot

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



68, 57.559, 310.045



91, 16.686, 308.409



78, 28.813, 256.799



48, 11.090, 308.476



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, 57.559, 310.045



65, 71.135, 310.516



73, 62.314, 325.167



47, 7.617, 308.281



28, 99.246, 311.131



5, 41.397, 311.373

Inverse Universe

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



72, 46.382, 345.804



70, 56.460, 346.857



89, 62.210, 140.165



48, 6.319, 342.557



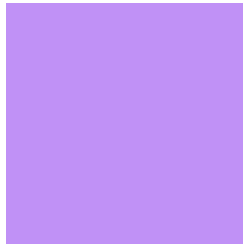
40, 67.392, 358.763



9, 30.619, 353.241

Previews

White Background



This preview shows how the CIELCh color 68, 57.561, 310.045 looks on a white background.

Color Contrast Check

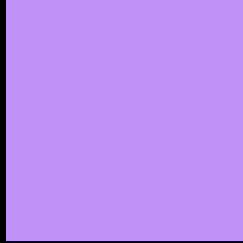
Large Text (above 18pt) WCAG AA × Fail

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, 57.561, 310.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

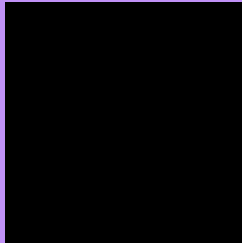
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 57.561, 310.045

Background



This preview shows how black text looks on a background with the CIELCh color 68, 57.561, 310.045.



This preview shows how white text looks on a background with the CIELCh color 68, 57.561, 310.045.

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



Original Color
68, 57.561, 310.045

Protanopia
68, 50.893, 285.478

Deuteranopia
68, 42.826, 282.670



Tritanopia
68, 10.172, 335.630

Trichromacy



Original Color
68, 57.561, 310.045



Protanomaly
68, 52.894, 294.667



Deuteranomaly
68, 46.829, 294.004



Tritanomaly
68, 27.140, 315.624

Monochromacy



Original Color
68, 57.561, 310.045



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 21.340, 308.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 57.561, 310.045 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(192, 145, 246)` looks like.

```
.text, #text, p{  
    color:rgb(192, 145, 246)  
}
```

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(192, 145, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 145, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 57.561, 310.045 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(192, 145, 246) }
```

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

```
.border{ border-color:rgb(192, 145, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 145, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 145, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 145, 246);  
box-shadow:4px 4px 4px 4px rgb(192, 145,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 57.561, 310.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 145, 246) }
```

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

```
.background{ background-color: rgb(192,  
145, 246) }
```

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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