

Converting Colors

CIELCh(68, 30.132, 297.718)

Have a look what the booklet for
CIELCh(68, 30.132, 297.718)
contains.

| | |
|--|----|
| CIELCh(68, 30.546, 298.187) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(68, 30.546, 298.187)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | A79FD6 |
| RGB | 167, 159, 214 |
| RGB Percent | 65%, 62%, 84% |
| CMY | 0.3443, 0.3756, 0.1599 |
| CMYK | 0.22, 0.26, 0.00, 0.16 |
| HSL | 249°, 40%, 73% |
| HSV | 249°, 26%, 84% |
| XYZ | 40.5802, 37.9720, 68.9555 |
| YIQ | 167.6620, -12.8870, 18.8010 |

Conversions

Conversions Part 2

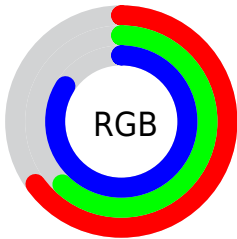
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 167, 159, 214 |
| Decimal | 10985430 |
| CIE _{Lab} | 68.00, 14.43, -26.92 |
| CIE _{LCh} | 68, 30.546, 298.187 |
| Yxy | 37.9720, 0.2751, 0.2574 |
| Android (android.graphics.Color) | 4289175510 (0xFFA79FD6) |
| YUV | 167.6620, 22.8446, -0.5806 |
| Hunter-Lab | 61.6215, 9.7119, -23.2116 |

Details

The CIELCh color $68, 30.546, 298.187$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84, 28.807, 113.948$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 21.748, 299.917$, and $48, 30.239, 297.912$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.291, 299.340$, and if you desaturate by 10%, it is $75, 18.284, 297.184$.

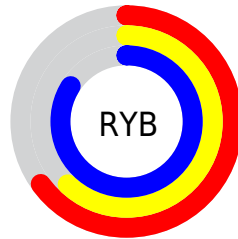
Distribution



Red (65%)

Green (62%)

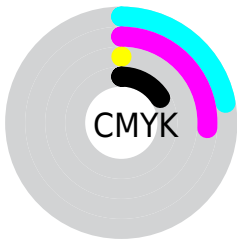
Blue (84%)



Red (65%)

Yellow (62%)

Blue (84%)

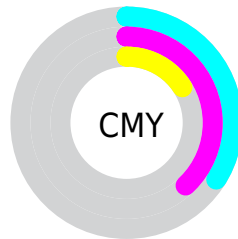


Cyan (22%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (34%)


Magenta (38%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 30.546, 298.187 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, 30.546, 298.187 by changing the saturation by 10% instead.

 68, 30.546,
298.187


 68, 30.546,
298.187


 100, 30.546,
298.187


 58, 30.546,
298.187


 88, 30.546,
298.187

 48, 30.546,
298.187

 98, 30.546,
298.187

 38, 30.546,
298.187

 28, 30.546,
298.187

 18, 30.546,
298.187

 8, 30.546, 298.187

 0, 30.546, 298.187

68, 30.546,
298.187

68, 30.546,
298.187

61, 43.291,
299.340

75, 18.284,
297.184

54, 56.493,
300.645

82, 6.500, 296.320

89, 4.833, 115.574

48, 70.023,
302.078

95, 15.742,
114.939

41, 83.547,
303.573

99, 20.609,
108.617

36, 96.333,
304.988

31, 107.088,
306.100

28, 114.174,
306.657

27, 116.349,

Harmonies

Complementary

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



68, 30.546, 298.187



84, 28.807, 113.948

Rectangle

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



68, 30.546, 298.187



68, 30.546, 348.187



68, 30.546, 118.187



68, 30.546, 168.187

Sweetspot

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



68, 30.544, 298.186



94, 10.591, 296.515



80, 16.325, 212.258



49, 7.548, 296.643



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, 30.544, 298.186



75, 42.952, 298.817



70, 32.581, 314.691



41, 6.539, 296.628



21, 98.175, 306.890



2, 27.752, 297.663

Inverse Universe

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



72, 32.282, 330.245



81, 44.816, 330.599



82, 31.792, 132.424



42, 7.098, 329.231



39, 76.446, 334.972



6, 29.616, 333.426

Previews

White Background



This preview shows how the CIELCh color 68, 30.546, 298.187 looks on a white background.

Color Contrast Check

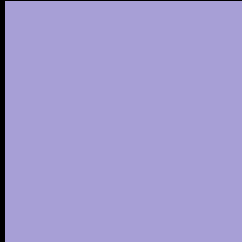
Large Text (above 18pt) WCAG AA × Fail

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, 30.546, 298.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

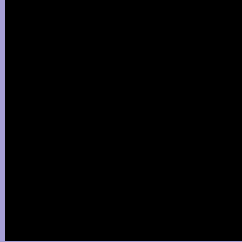
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 30.546, 298.187

Background



This preview shows how black text looks on a background with the CIELCh color 68, 30.546, 298.187.



This preview shows how white text looks on a background with the CIELCh color 68, 30.546, 298.187.

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

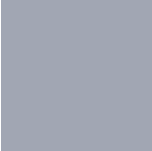
68, 30.546, 298.187

Protanopia

68, 29.898, 285.123

Deuteranopia

68, 27.592, 288.155



Tritanopia
68, 7.353, 276.601

Trichromacy



Original Color
68, 30.546, 298.187

Protanomaly
68, 30.324, 290.128

Deuteranomaly
68, 28.114, 291.635

Tritanomaly
68, 15.433, 290.433

Monochromacy



Original Color
68, 30.546, 298.187

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 11.086, 296.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 30.546, 298.187 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(167, 159, 214)` looks like.

```
.text, #text, p{  
    color:rgb(167, 159, 214)  
}
```

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(167, 159, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 159, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 30.546, 298.187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

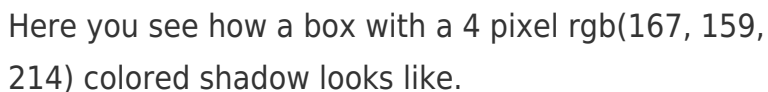
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 159, 214) }
```

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

```
.border{ border-color:rgb(167, 159, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 159, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 159, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 159, 214); box-shadow:4px 4px 4px 4px rgb(167, 159, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 30.546, 298.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 159, 214) }
```

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

```
.background{ background-color: rgb(167,  
159, 214) }
```

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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