

Converting Colors

CIELCh(67, 16.435, 325.631)

Have a look what the booklet for
CIELCh(67, 16.435, 325.631)
contains.

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Color

CIELCh(67, 16.706, 325.180)

Conversions

Conversions Part 1

Format	Color
Hex	B49BB4
RGB	180, 155, 180
RGB Percent	71%, 61%, 71%
CMY	0.2926, 0.3906, 0.2926
CMYK	0.00, 0.14, 0.00, 0.29
HSL	300°, 14%, 66%
HSV	300°, 14%, 71%
XYZ	38.9773, 36.6320, 48.4058
YIQ	165.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

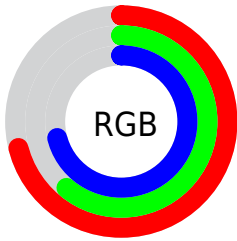
Format	Color
RYB	180, 155, 180
Decimal	11836340
CIELab	67.00, 13.71, -9.54
CIELCh	67, 16.706, 325.180
Yxy	36.6320, 0.3143, 0.2954
Android (android.graphics.Color)	4290026420 (0xFFB49BB4)
YUV	165.3250, 7.2348, 12.8700
Hunter-Lab	60.5244, 9.0352, -5.0515

Details

The CIELCh color $67, 16.706, 325.180$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 16.686, 143.621$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.495, 325.031$, and $47, 16.403, 325.382$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.809, 325.724$, and if you desaturate by 10%, it is $72, 4.630, 324.601$.

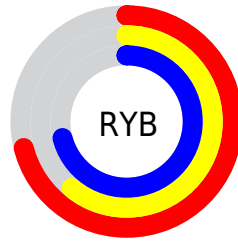
Distribution



Red (71%)

Green (61%)

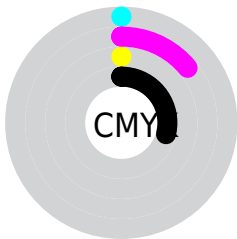
Blue (71%)



Red (71%)

Yellow (61%)

Blue (71%)

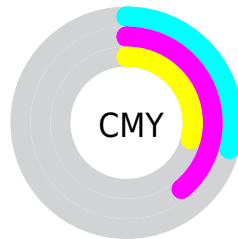


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.706, 325.180 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 67, 16.706, 325.180 by changing the saturation by 10% instead.


 67, 16.706,
325.180


 67, 16.706,
325.180


 100, 16.706,
325.180


 57, 16.706,
325.180


 87, 16.706,
325.180

 47, 16.706,
325.180

 97, 16.706,
325.180

 37, 16.706,
325.180

 27, 16.706,
325.180

 17, 16.706,
325.180

 7, 16.706, 325.180

 0, 16.706, 325.180

67, 16.706,
325.180

67, 16.706,
325.180

63, 28.809,
325.724

72, 4.630, 324.601

58, 40.729,
326.248

76, 7.265, 144.150

54, 52.160,
326.739

81, 18.890,
143.609

51, 62.718,
327.182

86, 30.193,
143.104

48, 71.953,
327.559

91, 41.149,
142.625

46, 79.419,
327.857

94, 46.727,
142.385

44, 84.776,
328.067


94, 46.726,
142.386

43, 87.911,

94, 46.726,
142.386

328.189

 94, 46.725,
142.387

 43, 89.119,
328.235

Harmonies

Complementary

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



67, 16.706, 325.180



71, 16.686, 143.621

Rectangle

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



67, 16.706, 325.180



67, 16.706, 15.180



67, 16.706, 145.180



67, 16.706, 195.180

Sweetspot

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



67, 16.704, 325.180



91, 5.937, 324.615



65, 13.924, 291.646



48, 4.217, 324.663



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 16.704, 325.180



83, 25.391, 325.368



67, 11.804, 344.789



35, 6.750, 324.926



36, 78.923, 328.235



3, 16.261, 324.442

Inverse Universe

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



67, 16.704, 325.180



83, 25.391, 325.368



71, 11.600, 162.513



35, 6.750, 324.926



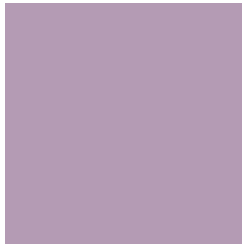
36, 78.923, 328.235



3, 16.261, 324.442

Previews

White Background



This preview shows how the CIELCh color 67, 16.706, 325.180 looks on a white background.

Color Contrast Check

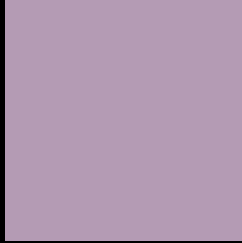
Large Text (above 18pt) WCAG AA × Fail

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 67, 16.706, 325.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

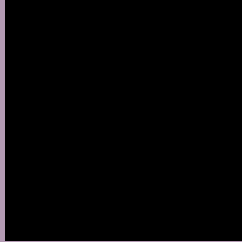
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 16.706, 325.180

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.706, 325.180.



This preview shows how white text looks on a background with the CIELCh color 67, 16.706, 325.180.

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


67, 16.706, 325.180

Protanopia

67, 12.719, 288.268

Deuteranopia

67, 12.483, 312.007



Tritanopia
67, 11.043, 339.965

Trichromacy



Original Color
67, 16.706, 325.180

Protanomaly
67, 13.018, 302.710

Deuteranomaly
67, 13.586, 317.089

Tritanomaly
67, 13.475, 333.181

Monochromacy



Original Color
67, 16.706, 325.180

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.044, 324.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.706, 325.180 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(180, 155, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 180)  
}
```

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(180, 155, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.706, 325.180 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(180, 155, 180) }
```

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

```
.border{ border-color:rgb(180, 155, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.706, 325.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 180) }
```

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

```
.background{ background-color: rgb(180,  
155, 180) }
```

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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