

Converting Colors

CIELCh(66, 30.910, 317.160)

Have a look what the booklet for
CIELCh(66, 30.910, 317.160)
contains.

CIELCh(66, 30.609, 317.437)	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(66, 30.609, 317.437)

Conversions

Conversions Part 1

Format	Color
Hex	B894C6
RGB	184, 148, 198
RGB Percent	72%, 58%, 78%
CMY	0.2795, 0.4206, 0.2246
CMYK	0.07, 0.25, 0.00, 0.22
HSL	283°, 30%, 68%
HSV	283°, 25%, 78%
XYZ	40.4173, 35.3238, 57.9541
YIQ	164.4640, 5.4060, 23.1820

Conversions

Conversions Part 2

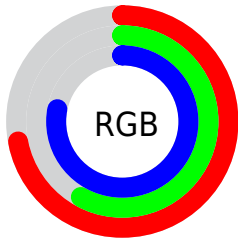
Format	Color
RYB	184, 148, 198
Decimal	12096710
CIELab	66.00, 22.54, -20.70
CIELCh	66, 30.609, 317.437
Yxy	35.3238, 0.3023, 0.2642
Android (android.graphics.Color)	4290286790 (0xFFB894C6)
YUV	164.4640, 16.5332, 17.1331
Hunter-Lab	59.4338, 17.3776, -16.2102

Details

The CIELCh color $66, 30.609, 317.437$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 30.081, 135.172$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 30.824, 317.159$, and $46, 30.505, 317.158$ is the 20% darker color. If you saturate the color by 10%, you get $61, 42.898, 317.866$, and if you desaturate by 10%, it is $71, 18.353, 316.998$.

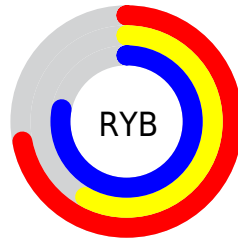
Distribution



Red (72%)

Green (58%)

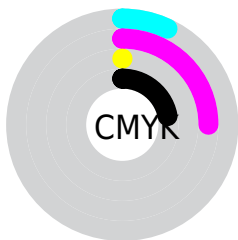
Blue (78%)



Red (72%)

Yellow (58%)

Blue (78%)

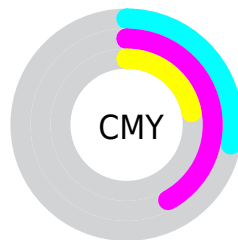


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (28%)


Magenta (42%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 30.609, 317.437 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 66, 30.609, 317.437 by changing the saturation by 10% instead.


 66, 30.609,
317.437


 66, 30.609,
317.437


 100, 30.609,
317.437


 56, 30.609,
317.437


 86, 30.609,
317.437

 46, 30.609,
317.437

 96, 30.609,
317.437

 36, 30.609,
317.437

 26, 30.609,
317.437

 16, 30.609,
317.437

 6, 30.609, 317.437

 0, 30.609, 317.437

66, 30.609,
317.437

66, 30.609,
317.437

61, 42.898,
317.866

71, 18.353,
316.998

56, 55.001,
318.263

77, 6.279, 316.552

82, 5.532, 136.208

51, 66.576,
318.593

88, 17.035,
135.803

47, 77.150,
318.813

94, 28.213,
135.446

43, 86.138,
318.864

96, 32.314,
133.568

40, 92.933,
318.688


96, 31.456,
130.383

38, 97.121,
318.230

97, 30.698,
126.984

38, 98.545,

317.960

 97, 30.055,
123.380

Harmonies

Complementary

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



66, 30.609, 317.437



76, 30.081, 135.172

Rectangle

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



66, 30.609, 317.437



66, 30.609, 7.437



66, 30.609, 137.437



66, 30.609, 187.437

Sweetspot

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



66, 30.607, 317.437



95, 11.732, 316.682



67, 20.240, 278.548



50, 8.350, 316.750



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 30.607, 317.437



80, 44.778, 317.661



67, 28.342, 332.744



39, 6.806, 316.738



31, 85.404, 318.086



3, 23.707, 314.824

Inverse Universe

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



66, 20.929, 0.040



80, 30.788, 0.744



75, 28.200, 149.262



39, 4.572, 358.186



34, 63.210, 22.304



4, 16.441, 5.211

Previews

White Background



This preview shows how the CIELCh color 66, 30.609, 317.437 looks on a white background.

Color Contrast Check

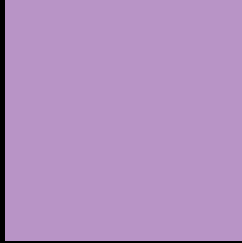
Large Text (above 18pt) WCAG AA × Fail

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 66, 30.609, 317.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

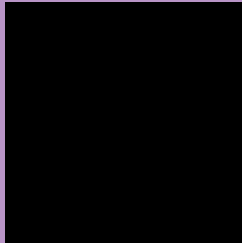
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 30.609, 317.437

Background



This preview shows how black text looks on a background with the CIELCh color 66, 30.609, 317.437.

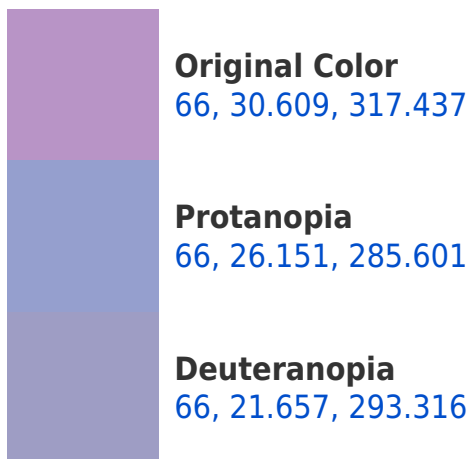


This preview shows how white text looks on a background with the CIELCh color 66, 30.609, 317.437.

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
66, 11.666, 345.912

Trichromacy



Original Color
66, 30.609, 317.437

Protanomaly
66, 26.809, 297.974

Deuteranomaly
66, 24.392, 303.283

Tritanomaly
66, 18.053, 328.283

Monochromacy



Original Color
66, 30.609, 317.437

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 11.126, 316.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 30.609, 317.437 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(184, 148, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 198)  
}
```

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(184, 148, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 30.609, 317.437 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(184, 148, 198) }
```

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

```
.border{ border-color:rgb(184, 148, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 30.609, 317.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 198) }
```

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

```
.background{ background-color: rgb(184,  
148, 198) }
```

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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