

Converting Colors

CIELCh(66, 35.669, 313.764)

Have a look what the booklet for
CIELCh(66, 35.669, 313.764)
contains.

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Color

CIELCh(66, 35.635, 313.758)

Conversions

Conversions Part 1

Format	Color
Hex	B793CF
RGB	183, 147, 207
RGB Percent	72%, 58%, 81%
CMY	0.2833, 0.4244, 0.1892
CMYK	0.12, 0.29, 0.00, 0.19
HSL	276°, 38%, 69%
HSV	276°, 29%, 81%
XYZ	41.0986, 35.3238, 63.5235
YIQ	164.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

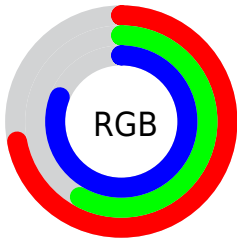
Format	Color
RYB	183, 147, 207
Decimal	12030927
CIELab	66.00, 24.65, -25.74
CIELCh	66, 35.635, 313.758
Yxy	35.3238, 0.2937, 0.2524
Android (android.graphics.Color)	4290221007 (0xFFB793CF)
YUV	164.6040, 20.9012, 16.1333
Hunter-Lab	59.4338, 19.4240, -21.7661

Details

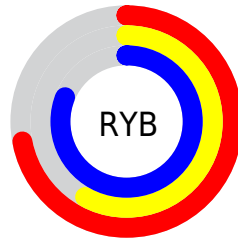
The CIELCh color $66, 35.635, 313.758$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 34.550, 131.166$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 31.454, 317.342$, and $46, 35.342, 313.741$ is the 20% darker color. If you saturate the color by 10%, you get $60, 48.244, 314.221$, and if you desaturate by 10%, it is $72, 23.118, 313.294$.

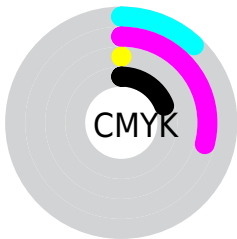
Distribution



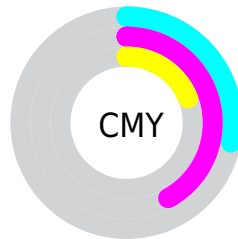
- Red (72%)
- Green (58%)
- Blue (81%)



- Red (72%)
- Yellow (58%)
- Blue (81%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)





- Cyan (28%)
- Magenta (42%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 35.635, 313.758 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, 35.635, 313.758 by changing the saturation by 10% instead.


 66, 35.635,
313.758


 66, 35.635,
313.758


 100, 35.635,
313.758


 56, 35.635,
313.758


 86, 35.635,
313.758

 46, 35.635,
313.758

 96, 35.635,
313.758

 36, 35.635,
313.758

 26, 35.635,
313.758

 16, 35.635,
313.758

 6, 35.635, 313.758

 0, 35.635, 313.758

66, 35.635,
313.758

66, 35.635,
313.758

60, 48.244,
314.221

72, 23.118,
313.294

55, 60.724,
314.656

78, 10.829,
312.844

50, 72.718,
315.020

84, 1.160, 132.576

45, 83.697,
315.252

90, 12.816,
132.074

41, 92.971,
315.273

96, 24.128,
131.724

38, 99.808,
314.994

97, 25.864,
127.085


36, 103.978,
314.386

98, 24.997,
120.597

36, 104.349,

98, 24.485,
113.635

314.325

 99, 24.358,
108.330

Harmonies

Complementary

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



66, 35.635, 313.758



79, 34.550, 131.166

Rectangle

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



66, 35.635, 313.758



66, 35.635, 3.758



66, 35.635, 133.758



66, 35.635, 183.758

Sweetspot

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



66, 35.633, 313.758



94, 12.823, 312.848



70, 20.603, 268.448



49, 8.926, 312.914



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, 35.633, 313.758



76, 51.212, 314.056



68, 36.952, 328.433



41, 6.884, 312.862



28, 89.429, 314.483



3, 27.420, 311.538

Inverse Universe

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



67, 26.412, 352.381



78, 37.925, 353.225



78, 36.924, 144.712



41, 5.086, 350.211



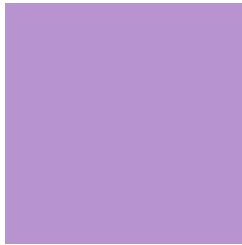
36, 62.084, 11.266



5, 20.996, 0.114

Previews

White Background



This preview shows how the CIELCh color 66, 35.635, 313.758 looks on a white background.

Color Contrast Check

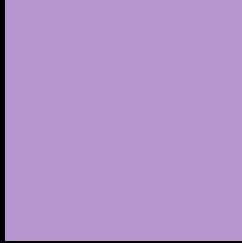
Large Text (above 18pt) WCAG AA × Fail

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, 35.635, 313.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

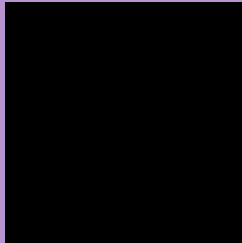
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 35.635, 313.758

Background



This preview shows how black text looks on a background with the CIELCh color 66, 35.635, 313.758.



This preview shows how white text looks on a background with the CIELCh color 66, 35.635, 313.758.

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

66, 35.635, 313.758

Protanopia

66, 31.217, 284.553

Deuteranopia

66, 26.063, 289.181



Tritanopia
66, 11.080, 339.981

Trichromacy



Original Color
66, 35.635, 313.758

Protanomaly
66, 31.674, 295.166

Deuteranomaly
66, 29.143, 299.748

Tritanomaly
66, 19.467, 322.500

Monochromacy



Original Color
66, 35.635, 313.758

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.143, 312.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 35.635, 313.758 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(183, 147, 207)` looks like.

```
.text, #text, p{  
    color:rgb(183, 147, 207)  
}
```

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(183, 147, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 147, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 35.635, 313.758 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(183, 147, 207) }
```

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

```
.border{ border-color:rgb(183, 147, 207) }
```

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

Here you see how a box with a 4 pixel rgb(183, 147, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 147, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 147, 207);  
box-shadow:4px 4px 4px 4px rgb(183, 147,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 35.635, 313.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 147, 207) }
```

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

```
.background{ background-color: rgb(183,  
147, 207) }
```

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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