

Converting Colors

CIELCh(66, 44.276, 316.195)

Have a look what the booklet for
CIELCh(66, 44.276, 316.195)
contains.

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Color

CIELCh(66, 44.263, 316.001)

Conversions

Conversions Part 1

Format	Color
Hex	BF8ED8
RGB	191, 142, 216
RGB Percent	75%, 56%, 85%
CMY	0.2515, 0.4436, 0.1534
CMYK	0.12, 0.34, 0.00, 0.15
HSL	280°, 49%, 70%
HSV	280°, 34%, 85%
XYZ	43.4899, 35.3238, 69.4085
YIQ	165.0870, 5.4500, 33.4020

Conversions

Conversions Part 2

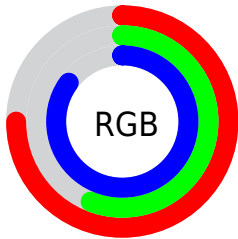
Format	Color
RYB	191, 142, 216
Decimal	12553944
CIELab	66.00, 31.84, -30.75
CIELCh	66, 44.263, 316.001
Yxy	35.3238, 0.2934, 0.2383
Android (android.graphics.Color)	4290744024 (0xFFBF8ED8)
YUV	165.0870, 25.1001, 22.7257
Hunter-Lab	59.4338, 26.6056, -27.6368

Details

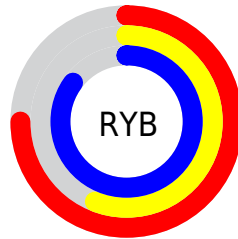
The CIELCh color $66, 44.263, 316.001$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 42.963, 132.898$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 35.813, 322.292$, and $46, 44.184, 315.744$ is the 20% darker color. If you saturate the color by 10%, you get $60, 57.282, 316.420$, and if you desaturate by 10%, it is $72, 31.142, 315.558$.

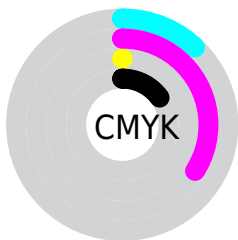
Distribution



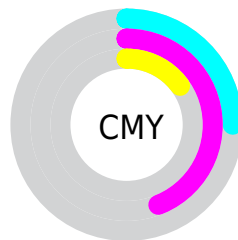
- Red (75%)
- Green (56%)
- Blue (85%)



- Red (75%)
- Yellow (56%)
- Blue (85%)



- Cyan (12%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)





- Cyan (25%)
- Magenta (44%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 44.263, 316.001 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, 44.263, 316.001 by changing the saturation by 10% instead.


 66, 44.263,
316.001


 66, 44.263,
316.001


 100, 44.263,
316.001


 56, 44.263,
316.001


 86, 44.263,
316.001

 46, 44.263,
316.001

 96, 44.263,
316.001

 36, 44.263,
316.001

 26, 44.263,
316.001

 16, 44.263,
316.001

 6, 44.263, 316.001

 0, 44.263, 316.001

66, 44.263,
316.001

66, 44.263,
316.001

60, 57.282,
316.420

72, 31.142,
315.558

55, 69.874,
316.781

78, 18.138,
315.113

50, 81.552,
317.034

84, 5.373, 314.665

46, 91.675,
317.116

90, 7.082, 134.325

43, 99.528,
316.951

96, 19.193,
133.939


40, 104.549,
316.471

98, 21.230,
129.095

39, 106.439,
316.092

98, 20.408,
122.230

99, 19.912,
114.804

 99, 19.775,
108.681

Harmonies

Complementary

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



66, 44.263, 316.001



81, 42.963, 132.898

Rectangle

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



66, 44.263, 316.001



66, 44.263, 6.001



66, 44.263, 136.001



66, 44.263, 186.001

Sweetspot

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



66, 44.261, 316.001



93, 14.479, 314.929



68, 27.384, 275.315



49, 9.894, 314.992



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, 44.261, 316.001



72, 60.725, 316.303



68, 43.077, 330.943



42, 7.128, 314.899



31, 89.311, 316.254



4, 30.310, 315.173

Inverse Universe

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



67, 31.545, 357.250



74, 43.376, 358.363



80, 43.003, 146.210



42, 5.006, 354.218



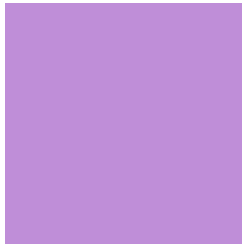
36, 63.822, 17.264



5, 22.416, 4.236

Previews

White Background



This preview shows how the CIELCh color 66, 44.263, 316.001 looks on a white background.

Color Contrast Check

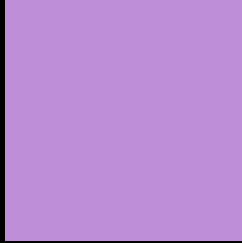
Large Text (above 18pt) WCAG AA × Fail

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, 44.263, 316.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

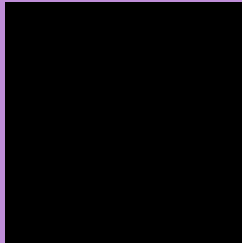
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 44.263, 316.001

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.263, 316.001.

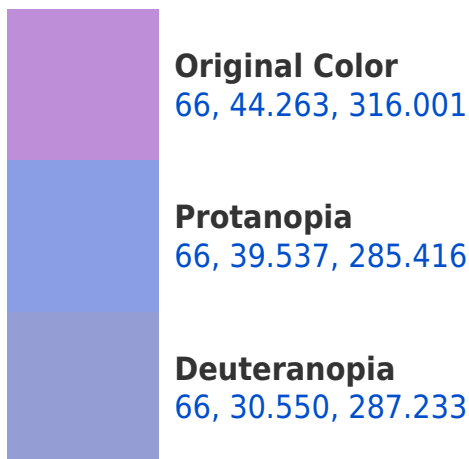


This preview shows how white text looks on a background with the CIELCh color 66, 44.263, 316.001.

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, 13.673, 351.792

Trichromacy



Original Color
66, 44.263, 316.001

Protanomaly
66, 40.060, 296.451

Deuteranomaly
66, 34.755, 300.166

Tritanomaly
66, 23.966, 327.792

Monochromacy



Original Color
66, 44.263, 316.001

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 16.254, 314.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.263, 316.001 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(191, 142, 216)` looks like.

```
.text, #text, p{  
    color:rgb(191, 142, 216)  
}
```

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(191, 142, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 142, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 44.263, 316.001 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(191, 142, 216) }
```

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

```
.border{ border-color:rgb(191, 142, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 142, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 142, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 142, 216);  
box-shadow:4px 4px 4px 4px rgb(191, 142,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.263, 316.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 142, 216) }
```

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

```
.background{ background-color: rgb(191,  
142, 216) }
```

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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