

Converting Colors

CIELCh(66, 33.858, 346.456)

Have a look what the booklet for
CIELCh(66, 33.858, 346.456)
contains.

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Color

CIELCh(66, 33.439, 346.912)

Conversions

Conversions Part 1

Format	Color
Hex	D38BAF
RGB	211, 139, 175
RGB Percent	83%, 55%, 69%
CMY	0.1733, 0.4556, 0.3144
CMYK	0.00, 0.34, 0.17, 0.17
HSL	330°, 45%, 69%
HSV	330°, 34%, 83%
XYZ	43.7374, 35.3238, 44.9785
YIQ	164.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

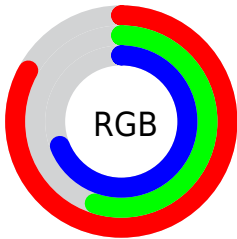
Format	Color
R _{YB}	211, 139, 175
Decimal	13863855
CIE Lab	66.00, 32.57, -7.57
CIE LCh	66, 33.439, 346.912
Yxy	35.3238, 0.3526, 0.2848
Android (android.graphics.Color)	4292053935 (0xFFD38BAF)
YUV	164.6320, 5.1114, 40.6647
Hunter-Lab	59.4338, 27.3491, -3.2659

Details

The CIELCh color $66, 33.439, 346.912$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 32.077, 160.399$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 29.798, 339.968$, and $46, 33.281, 346.613$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.056, 348.178$, and if you desaturate by 10%, it is $71, 23.558, 345.812$.

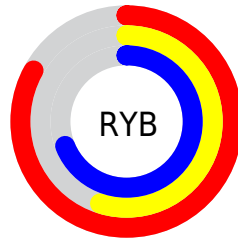
Distribution



Red (83%)

Green (55%)

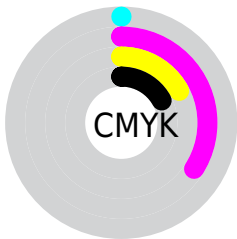
Blue (69%)



Red (83%)

Yellow (55%)

Blue (69%)

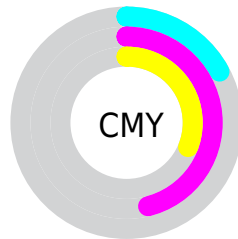


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (17%)



Cyan (17%)


Magenta (46%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 33.439, 346.912 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, 33.439, 346.912 by changing the saturation by 10% instead.


 66, 33.439,
346.912


 66, 33.439,
346.912


 100, 33.439,
346.912


 56, 33.439,
346.912


 86, 33.439,
346.912

 46, 33.439,
346.912

 96, 33.439,
346.912

 36, 33.439,
346.912

 26, 33.439,
346.912

 16, 33.439,
346.912

 6, 33.439, 346.912

 0, 33.439, 346.912

66, 33.439,
346.912

66, 33.439,
346.912

61, 43.056,
348.178

71, 23.558,
345.812

57, 52.048,
349.667

77, 13.678,
344.828

53, 59.946,
351.465

82, 3.962, 343.882

50, 66.242,
353.692

88, 5.496, 163.275

47, 70.528,
356.500

94, 14.648,
162.504

46, 72.703, 0.050

97, 17.634,
168.854

45, 73.367, 2.416

97, 15.345,
186.113

97, 14.743,
198.523

Harmonies

Complementary

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



66, 33.439, 346.912



79, 32.077, 160.399

Rectangle

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



66, 33.439, 346.912



66, 33.439, 36.912



66, 33.439, 166.912



66, 33.439, 216.912

Sweetspot

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



66, 33.436, 346.913



93, 11.233, 344.454



63, 42.020, 310.207



49, 7.677, 344.585



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, 33.436, 346.913



75, 46.759, 347.818



65, 29.610, 21.192



41, 5.421, 344.389



36, 62.118, 1.673



5, 21.812, 353.943

Inverse Universe

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



66, 33.436, 346.913



75, 46.759, 347.818



80, 23.538, 196.167



41, 5.421, 344.389



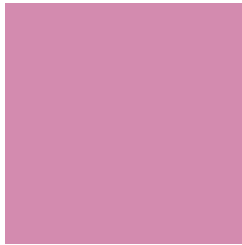
36, 62.118, 1.673



5, 21.812, 353.943

Previews

White Background



This preview shows how the CIELCh color 66, 33.439, 346.912 looks on a white background.

Color Contrast Check

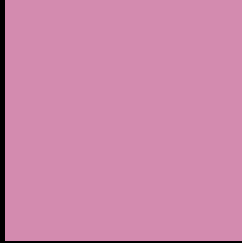
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 33.439, 346.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

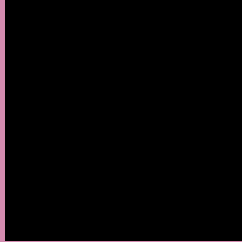
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 33.439, 346.912

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.439, 346.912.



This preview shows how white text looks on a background with the CIELCh color 66, 33.439, 346.912.

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, 33.439, 346.912

Protanopia

66, 16.111, 286.849

Deuteranopia

66, 10.552, 323.201



Tritanopia
66, 26.451, 10.275

Trichromacy



Original Color
66, 33.439, 346.912

Protanomaly
66, 19.240, 317.756

Deuteranomaly
66, 18.371, 337.432

Tritanomaly
66, 28.637, 0.054

Monochromacy



Original Color
66, 33.439, 346.912

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.272, 344.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.439, 346.912 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(211, 139, 175)` looks like.

```
.text, #text, p{  
    color:rgb(211, 139, 175)  
}
```

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(211, 139, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 139, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.439, 346.912 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(211, 139, 175) }
```

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

```
.border{ border-color:rgb(211, 139, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 139, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 139, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 139, 175);  
box-shadow:4px 4px 4px 4px rgb(211, 139,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.439, 346.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 139, 175) }
```

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

```
.background{ background-color: rgb(211,  
139, 175) }
```

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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