

Converting Colors

CIELCh(66, 37.717, 329.660)

Have a look what the booklet for
CIELCh(66, 37.717, 329.660)
contains.

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Color

CIELCh(66, 37.768, 329.951)

Conversions

Conversions Part 1

Format	Color
Hex	CB8CC3
RGB	203, 140, 195
RGB Percent	80%, 55%, 76%
CMY	0.2045, 0.4515, 0.2359
CMYK	0.00, 0.31, 0.04, 0.20
HSL	308°, 38%, 67%
HSV	308°, 31%, 80%
XYZ	43.7787, 35.3238, 56.0531
YIQ	165.1070, 19.8930, 30.4610

Conversions

Conversions Part 2

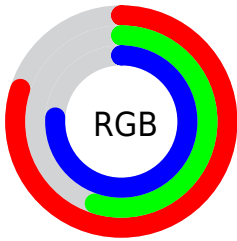
Format	Color
R_{YB}	203, 140, 195
Decimal	13339843
CIE _{Lab}	66.00, 32.69, -18.91
CIE _{LCh}	66, 37.768, 329.951
Yxy	35.3238, 0.3239, 0.2614
Android (android.graphics.Color)	4291529923 (0xFFCB8CC3)
YUV	165.1070, 14.7372, 33.2322
Hunter-Lab	59.4338, 27.4732, -14.3138

Details

The CIELCh color $66, 37.768, 329.951$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 37.709, 145.822$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 37.009, 327.134$, and $46, 37.483, 330.151$ is the 20% darker color. If you saturate the color by 10%, you get $62, 49.498, 330.561$, and if you desaturate by 10%, it is $71, 25.639, 329.341$.

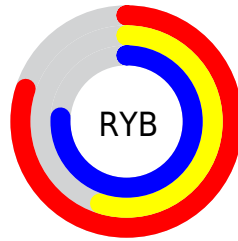
Distribution



Red (80%)

Green (55%)

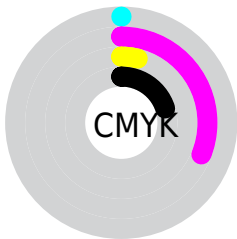
Blue (76%)



Red (80%)

Yellow (55%)

Blue (76%)

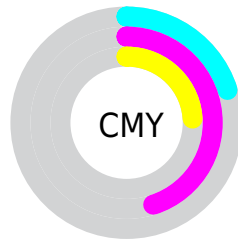


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 37.768, 329.951 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, 37.768, 329.951 by changing the saturation by 10% instead.


 66, 37.768,
329.951


 66, 37.768,
329.951


 100, 37.768,
329.951


 56, 37.768,
329.951


 86, 37.768,
329.951

 46, 37.768,
329.951

 96, 37.768,
329.951

 36, 37.768,
329.951

 26, 37.768,
329.951

 16, 37.768,
329.951

 6, 37.768, 329.951

 0, 37.768, 329.951

66, 37.768,
329.951

66, 37.768,
329.951

62, 49.498,
330.561

71, 25.639,
329.341

57, 60.447,
331.165

76, 13.409,
328.731

54, 70.131,
331.759

81, 1.273, 327.938

51, 78.031,
332.343

86, 10.642,
147.628

49, 83.695,
332.924

92, 22.261,
147.070


47, 86.884,
333.518

96, 29.585,
147.210

47, 88.003,
334.072

96, 28.546,
148.818

96, 27.527,
150.540

 96, 26.530,
152.386

Harmonies

Complementary

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



66, 37.768, 329.951



76, 37.709, 145.822

Rectangle

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



66, 37.768, 329.951



66, 37.768, 19.951



66, 37.768, 149.951



66, 37.768, 199.951

Sweetspot

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



66, 37.766, 329.951



94, 13.134, 328.612



61, 35.662, 297.823



49, 9.134, 328.703



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, 37.766, 329.951



78, 53.935, 330.345



65, 27.647, 353.722



40, 6.908, 328.630



38, 75.845, 333.977



5, 26.195, 332.103

Inverse Universe

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



66, 37.766, 329.951



78, 53.935, 330.345



77, 25.888, 167.401



40, 6.908, 328.630



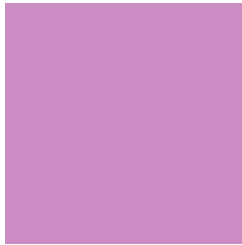
38, 75.845, 333.977



5, 26.195, 332.103

Previews

White Background



This preview shows how the CIELCh color 66, 37.768, 329.951 looks on a white background.

Color Contrast Check

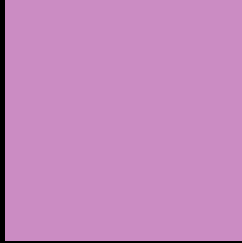
Large Text (above 18pt) WCAG AA × Fail

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, 37.768, 329.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

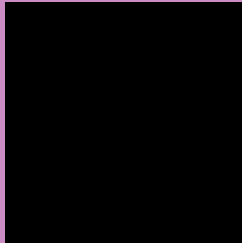
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 37.768, 329.951

Background



This preview shows how black text looks on a background with the CIELCh color 66, 37.768, 329.951.



This preview shows how white text looks on a background with the CIELCh color 66, 37.768, 329.951.

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, 37.768, 329.951

Protanopia

66, 27.274, 285.372

Deuteranopia

66, 19.505, 296.291



Tritanopia
66, 20.928, 4.808

Trichromacy



Original Color
66, 37.768, 329.951

Protanomaly
66, 28.972, 303.925

Deuteranomaly
66, 25.069, 313.261

Tritanomaly
66, 25.951, 347.236

Monochromacy



Original Color
66, 37.768, 329.951

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 14.061, 328.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 37.768, 329.951 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(203, 140, 195)` looks like.

```
.text, #text, p{  
    color:rgb(203, 140, 195)  
}
```

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(203, 140, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 140, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 37.768, 329.951 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(203, 140, 195) }
```

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

```
.border{ border-color:rgb(203, 140, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 140, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 140, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 140, 195);  
box-shadow:4px 4px 4px 4px rgb(203, 140,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 37.768, 329.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 140, 195) }
```

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

```
.background{ background-color: rgb(203,  
140, 195) }
```

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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