

Converting Colors

CIELCh(66, 30.175, 341.588)

Have a look what the booklet for
CIELCh(66, 30.175, 341.588)
contains.

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Color

CIELCh(66, 30.175, 341.588)

Conversions

Conversions Part 1

Format	Color
Hex	CB8EB2
RGB	203, 142, 178
RGB Percent	80%, 56%, 70%
CMY	0.2033, 0.4426, 0.3014
CMYK	0.00, 0.30, 0.12, 0.20
HSL	325°, 37%, 68%
HSV	325°, 30%, 80%
XYZ	42.4118, 35.3238, 46.7761
YIQ	164.3430, 24.8000, 24.1280

Conversions

Conversions Part 2

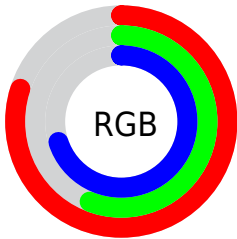
Format	Color
R_{YB}	203, 142, 178
Decimal	13340338
CIE _{Lab}	66.00, 28.63, -9.53
CIE _{LCh}	66, 30.175, 341.588
Yxy	35.3238, 0.3406, 0.2837
Android (android.graphics.Color)	4291530418 (0xFFCB8EB2)
YUV	164.3430, 6.7329, 33.9022
Hunter-Lab	59.4338, 23.3678, -5.0592

Details

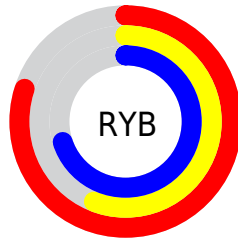
The CIELCh color $66, 30.175, 341.588$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 29.503, 156.480$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 28.951, 338.400$, and $46, 29.958, 342.018$ is the 20% darker color. If you saturate the color by 10%, you get $61, 40.081, 342.605$, and if you desaturate by 10%, it is $71, 20.057, 340.673$.

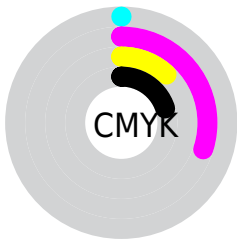
Distribution



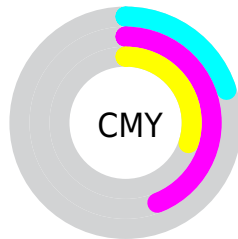
- Red (80%)
- Green (56%)
- Blue (70%)



- Red (80%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 30.175, 341.588 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, 30.175, 341.588 by changing the saturation by 10% instead.

 66, 30.175,
341.588


 66, 30.175,
341.588


 100, 30.175,
341.588


 56, 30.175,
341.588


 86, 30.175,
341.588


 46, 30.175,
341.588


 96, 30.175,
341.588

 36, 30.175,
341.588

 26, 30.175,
341.588

 16, 30.175,
341.588

 6, 30.175, 341.588

 0, 30.175, 341.588

66, 30.175,
341.588

66, 30.175,
341.588

61, 40.081,
342.605

71, 20.057,
340.673

57, 49.451,
343.755

76, 9.964, 339.825

82, 0.037, 328.903

53, 57.847,
345.089

87, 9.640, 158.437

50, 64.762,
346.678

93, 19.024,
157.764

47, 69.714,
348.623

96, 22.826,
160.883

45, 72.418,
351.047

96, 20.282,
170.132

44, 73.241,
353.985

96, 18.352,
181.600

■ 97, 17.251,
195.077

Harmonies

Complementary

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



66, 30.175, 341.588



77, 29.503, 156.480

Rectangle

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



66, 30.175, 341.588



66, 30.175, 31.588



66, 30.175, 161.588



66, 30.175, 211.588

Sweetspot

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



66, 30.172, 341.589



94, 10.743, 339.749



63, 35.280, 307.195



49, 7.476, 339.872



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, 30.172, 341.589



78, 43.443, 342.231



65, 24.767, 14.230



40, 5.651, 339.772



36, 63.121, 353.468



4, 20.980, 347.781

Inverse Universe

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



66, 30.172, 341.589



78, 43.443, 342.231



78, 21.003, 188.840



40, 5.651, 339.772



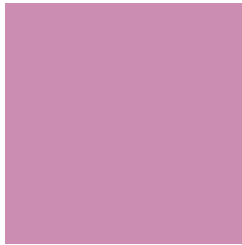
36, 63.121, 353.468



4, 20.980, 347.781

Previews

White Background



This preview shows how the CIELCh color 66, 30.175, 341.588 looks on a white background.

Color Contrast Check

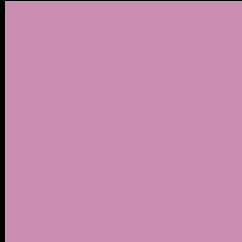
Large Text (above 18pt) WCAG AA × Fail

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, 30.175, 341.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

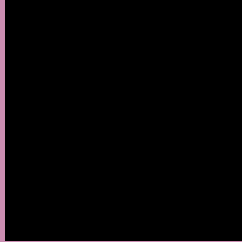
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 30.175, 341.588

Background



This preview shows how black text looks on a background with the CIELCh color 66, 30.175, 341.588.



This preview shows how white text looks on a background with the CIELCh color 66, 30.175, 341.588.

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, 30.175, 341.588

Protanopia
66, 16.662, 287.084

Deuteranopia
66, 12.305, 316.190



Tritanopia
66, 22.498, 6.206

Trichromacy



Original Color
66, 30.175, 341.588

Protanomaly
66, 19.280, 314.033

Deuteranomaly
66, 18.525, 330.223

Tritanomaly
66, 24.592, 355.509

Monochromacy



Original Color
66, 30.175, 341.588

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 11.055, 339.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 30.175, 341.588 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, 142, 178)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 178)  
}
```

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, 142, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 30.175, 341.588 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, 142, 178) }
```

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

```
.border{ border-color:rgb(203, 142, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 178);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 30.175, 341.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 178) }
```

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

```
.background{ background-color: rgb(203,  
142, 178) }
```

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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