

Converting Colors

CIELCh(58, 66.781, 341.216)

Have a look what the booklet for
CIELCh(58, 66.781, 341.216)
contains.

CIELCh(58, 66.503, 341.449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 66.503, 341.449)

Conversions

Conversions Part 1

Format	Color
Hex	E157B2
RGB	225, 87, 178
RGB Percent	88%, 34%, 70%
CMY	0.1185, 0.6596, 0.3027
CMYK	0.00, 0.61, 0.21, 0.12
HSL	320°, 70%, 61%
HSV	320°, 61%, 88%
XYZ	42.3900, 25.9610, 44.7908
YIQ	138.6360, 53.0370, 57.5570

Conversions

Conversions Part 2

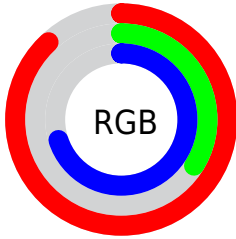
Format	Color
R _Y B	225, 87, 178
Decimal	14768050
CIE Lab	58.00, 63.05, -21.16
CIE LCh	58, 66.503, 341.449
Yxy	25.9610, 0.3747, 0.2295
Android (android.graphics.Color)	4292958130 (0xFFE157B2)
YUV	138.6360, 19.4065, 75.7412
Hunter-Lab	50.9519, 59.3390, -16.4543

Details

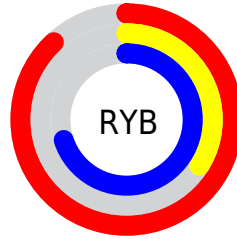
The CIELCh color **58, 66.503, 341.449** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **80, 66.288, 149.446**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.323, 333.012**, and **38, 66.493, 341.431** is the 20% darker color. If you saturate the color by 10%, you get **55, 73.845, 342.781**, and if you desaturate by 10%, it is **62, 57.346, 340.306**.

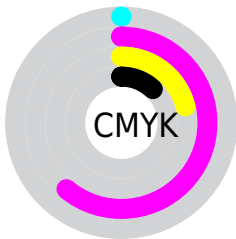
Distribution



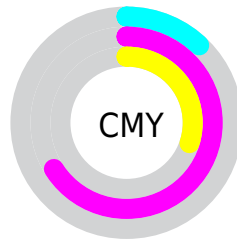
- Red (88%)
- Green (34%)
- Blue (70%)



- Red (88%)
- Yellow (34%)
- Blue (70%)



- Cyan (0%)
- Magenta (61%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (66%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 66.503, 341.449 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 58, 66.503, 341.449 by changing the saturation by 10% instead.

 58, 66.503,
341.449

 58, 66.503,
341.449

 100, 66.503,
341.449

 48, 66.503,
341.449

 78, 66.503,
341.449

 38, 66.503,
341.449

 88, 66.503,
341.449

 28, 66.503,
341.449

 98, 66.503,
341.449

 18, 66.503,
341.449

 8, 66.503, 341.449

 0, 66.503, 341.449

58, 66.503,
341.449

58, 66.503,
341.449

55, 73.845,
342.781

62, 57.346,
340.306

52, 78.870,
344.374

67, 46.957,
339.295

50, 81.306,
346.326

72, 35.842,
338.382

50, 81.689,
348.320

77, 24.400,
337.543

83, 12.912,
336.757

89, 1.563, 335.823

95, 9.535, 155.436

98, 13.414,
161.188

■ 98, 11.301,
176.636

Harmonies

Complementary

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



58, 66.503, 341.449



80, 66.288, 149.446

Rectangle

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



58, 66.503, 341.449



58, 66.503, 31.449



58, 66.503, 161.449



58, 66.503, 211.449

Sweetspot

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



58, 66.500, 341.450



89, 22.714, 337.283



48, 80.542, 307.543



45, 15.806, 337.517



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 66.500, 341.450



61, 83.258, 343.247



56, 57.644, 15.768



44, 6.420, 336.608



39, 68.241, 347.882



7, 28.654, 343.795

Inverse Universe

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



58, 66.500, 341.450



61, 83.258, 343.247



82, 42.668, 179.779



44, 6.420, 336.608



39, 68.241, 347.882



7, 28.654, 343.795

Previews

White Background



This preview shows how the CIELCh color 58, 66.503, 341.449 looks on a white background.

Color Contrast Check

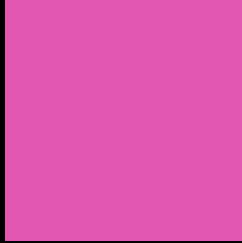
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 66.503, 341.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

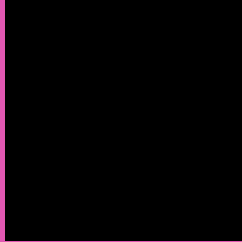
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 66.503, 341.449

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.503, 341.449.

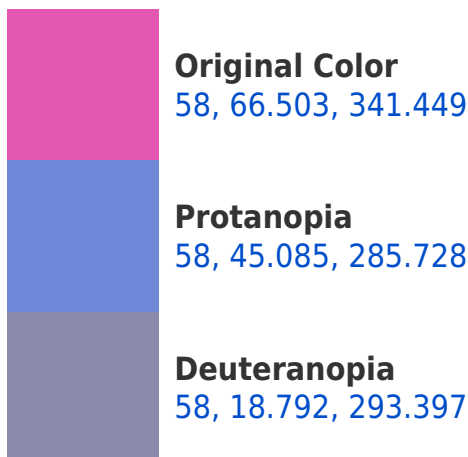


This preview shows how white text looks on a background with the CIELCh color 58, 66.503, 341.449.

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
58, 49.337, 20.831

Trichromacy



Original Color
58, 66.503, 341.449



Protanomaly
56, 48.740, 307.860



Deuteranomaly
57, 35.828, 324.502



Tritanomaly
58, 52.174, 3.593

Monochromacy



Original Color
58, 66.503, 341.449



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 27.076, 338.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.503, 341.449 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(225, 87, 178)` looks like.

```
.text, #text, p{  
    color:rgb(225, 87, 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(225, 87, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 87, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.503, 341.449 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(225, 87, 178) }
```

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

```
.border{ border-color:rgb(225, 87, 178) }
```

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

Here you see how a box with a 4 pixel rgb(225, 87, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 87, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 87, 178);  
box-shadow:4px 4px 4px 4px rgb(225, 87,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.503, 341.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 87, 178) }
```

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

```
.background{ background-color: rgb(225, 87,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor