

Converting Colors

CIELCh(66, 54.954, 346.568)

Have a look what the booklet for
CIELCh(66, 54.954, 346.568)
contains.

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Color

CIELCh(66, 54.982, 346.566)

Conversions

Conversions Part 1

Format	Color
Hex	F078B9
RGB	240, 120, 185
RGB Percent	94%, 47%, 73%
CMY	0.0601, 0.5305, 0.2756
CMYK	0.00, 0.50, 0.23, 0.06
HSL	327°, 80%, 70%
HSV	327°, 50%, 94%
XYZ	51.2359, 35.3238, 49.8570
YIQ	163.2900, 50.6550, 45.6550

Conversions

Conversions Part 2

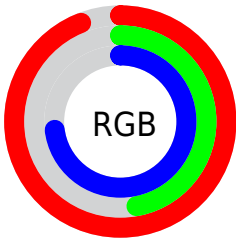
Format	Color
R _Y B	240, 120, 185
Decimal	15759545
CIE Lab	66.00, 53.48, -12.77
CIE LCh	66, 54.982, 346.566
Yxy	35.3238, 0.3756, 0.2589
Android (android.graphics.Color)	4293949625 (0xFFFF078B9)
YUV	163.2900, 10.7030, 67.2747
Hunter-Lab	59.4338, 49.8696, -8.1326

Details

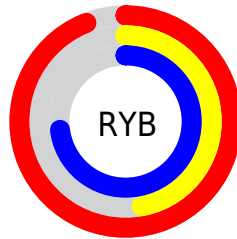
The CIELCh color **66, 54.982, 346.566** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **87, 52.779, 156.241**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 44.437, 331.657**, and **46, 55.135, 346.374** is the 20% darker color. If you saturate the color by 10%, you get **62, 64.347, 348.098**, and if you desaturate by 10%, it is **71, 44.524, 345.272**.

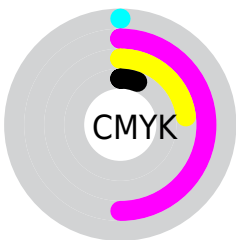
Distribution



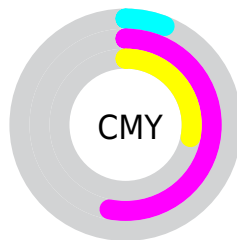
- Red (94%)
- Green (47%)
- Blue (73%)



- Red (94%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 54.982, 346.566 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, 54.982, 346.566 by changing the saturation by 10% instead.


 66, 54.982,
346.566

 66, 54.982,
346.566


 100, 54.982,
346.566

 56, 54.982,
346.566


 86, 54.982,
346.566

 46, 54.982,
346.566

 96, 54.982,
346.566

 36, 54.982,
346.566

 26, 54.982,
346.566

 16, 54.982,
346.566

 6, 54.982, 346.566

 0, 54.982, 346.566

66, 54.982,
346.566

66, 54.982,
346.566

62, 64.347,
348.098

71, 44.524,
345.272

58, 72.048,
349.960

77, 33.485,
344.149

55, 77.543,
352.278

82, 22.240,
343.152

53, 80.544,
355.204

88, 11.046,
342.241

52, 81.455,
358.785

95, 0.065, 334.550

99, 5.790, 176.437

99, 5.270, 199.197

Harmonies

Complementary

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



66, 54.982, 346.566



87, 52.779, 156.241

Rectangle

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



66, 54.982, 346.566



66, 54.982, 36.566



66, 54.982, 166.566



66, 54.982, 216.566

Sweetspot

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



66, 54.979, 346.567



90, 17.421, 342.689



60, 69.063, 310.102



47, 11.908, 342.882



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, 54.979, 346.567



65, 67.570, 348.123



64, 50.139, 21.615



47, 6.240, 342.190



40, 66.842, 358.071



8, 29.883, 352.416

Inverse Universe

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



66, 54.979, 346.567



65, 67.570, 348.123



88, 35.953, 192.036



47, 6.240, 342.190



40, 66.842, 358.071



8, 29.883, 352.416

Previews

White Background



This preview shows how the CIELCh color 66, 54.982, 346.566 looks on a white background.

Color Contrast Check

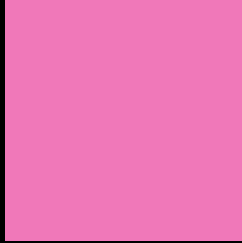
Large Text (above 18pt) WCAG AA × Fail

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, 54.982, 346.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

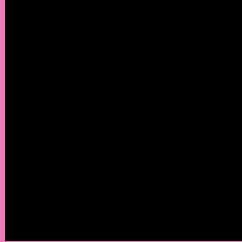
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 54.982, 346.566

Background



This preview shows how black text looks on a background with the CIELCh color 66, 54.982, 346.566.

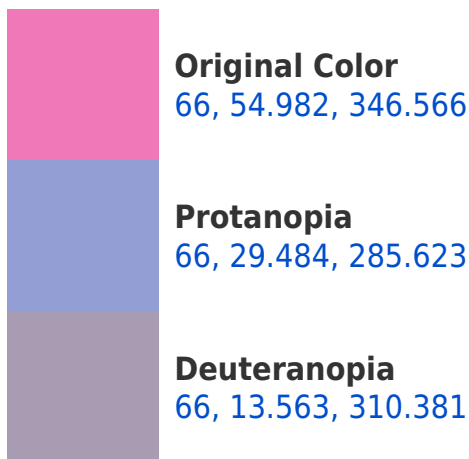


This preview shows how white text looks on a background with the CIELCh color 66, 54.982, 346.566.

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, 43.582, 17.252

Trichromacy



Original Color
66, 54.982, 346.566



Protanomaly
65, 34.191, 314.745



Deuteranomaly
65, 28.260, 334.291



Tritanomaly
66, 45.911, 4.303

Monochromacy



Original Color
66, 54.982, 346.566



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 21.336, 343.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 54.982, 346.566 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(240, 120, 185)` looks like.

```
.text, #text, p{  
    color:rgb(240, 120, 185)  
}
```

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(240, 120, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 120, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 54.982, 346.566 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(240, 120, 185) }
```

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

```
.border{ border-color:rgb(240, 120, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 120, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 120, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 120, 185);  
box-shadow:4px 4px 4px 4px rgb(240, 120,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 54.982, 346.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 120, 185) }
```

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

```
.background{ background-color: rgb(240,  
120, 185) }
```

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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