

Converting Colors

CIELCh(61, 69.916, 345.783)

Have a look what the booklet for
CIELCh(61, 69.916, 345.783)
contains.

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Color

CIELCh(61, 69.835, 345.938)

Conversions

Conversions Part 1

Format	Color
Hex	F358B3
RGB	243, 88, 179
RGB Percent	95%, 35%, 70%
CMY	0.0475, 0.6553, 0.2984
CMYK	0.00, 0.64, 0.26, 0.05
HSL	325°, 86%, 65%
HSV	325°, 64%, 95%
XYZ	48.5324, 29.2481, 45.6843
YIQ	144.7190, 63.1690, 61.1610

Conversions

Conversions Part 2

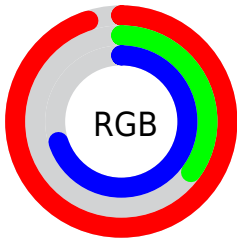
Format	Color
R _Y B	243, 88, 179
Decimal	15947955
CIE _{Lab}	61.00, 67.74, -16.97
CIE _{LCh}	61, 69.835, 345.938
Yxy	29.2481, 0.3931, 0.2369
Android (android.graphics.Color)	4294138035 (0xFFFF358B3)
YUV	144.7190, 16.9005, 86.1924
Hunter-Lab	54.0815, 65.5418, -12.2269

Details

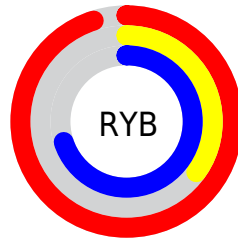
The CIELCh color **61, 69.835, 345.938** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **86, 68.586, 152.027**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 59.537, 332.741**, and **41, 69.815, 346.042** is the 20% darker color. If you saturate the color by 10%, you get **58, 76.857, 347.709**, and if you desaturate by 10%, it is **65, 60.815, 344.476**.

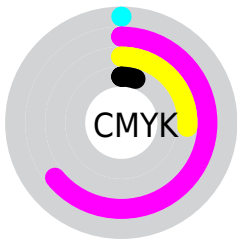
Distribution



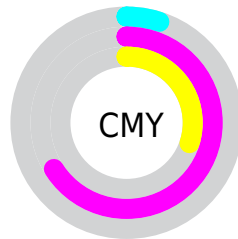
- Red (95%)
- Green (35%)
- Blue (70%)



- Red (95%)
- Yellow (35%)
- Blue (70%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (66%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 69.835, 345.938 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 61, 69.835, 345.938 by changing the saturation by 10% instead.


 61, 69.835,
345.938


 61, 69.835,
345.938


 100, 69.835,
345.938


 51, 69.835,
345.938


 81, 69.835,
345.938

 41, 69.835,
345.938

 91, 69.835,
345.938

 31, 69.835,
345.938

 21, 69.835,
345.938

 11, 69.835,
345.938

 1, 69.835, 345.938

 0, 69.835, 345.938

61, 69.835,
345.938

61, 69.835,
345.938

58, 76.857,
347.709

65, 60.815,
344.476

55, 81.402,
349.903

70, 50.412,
343.233

54, 83.314,
352.657

75, 39.181,
342.148

53, 83.532,
354.636

81, 27.566,
341.179

87, 15.884,
340.296

93, 4.341, 339.426

99, 5.209, 164.035

99, 4.179, 199.299

Harmonies

Complementary

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



61, 69.835, 345.938



86, 68.586, 152.027

Rectangle

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



61, 69.835, 345.938



61, 69.835, 35.938



61, 69.835, 165.938



61, 69.835, 215.938

Sweetspot

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



61, 69.831, 345.939



88, 22.824, 340.750



52, 89.048, 309.499



45, 15.735, 341.006



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 69.831, 345.939



59, 81.647, 348.399



59, 64.933, 21.647



48, 6.552, 339.931



41, 68.603, 354.031



9, 31.303, 349.418

Inverse Universe

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



61, 69.831, 345.939



59, 81.647, 348.399



88, 44.198, 185.922



48, 6.552, 339.931



41, 68.603, 354.031



9, 31.303, 349.418

Previews

White Background



This preview shows how the CIELCh color 61, 69.835, 345.938 looks on a white background.

Color Contrast Check

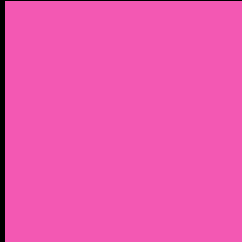
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 69.835, 345.938 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 61, 69.835, 345.938

Background



This preview shows how black text looks on a background with the CIELCh color 61, 69.835, 345.938.



This preview shows how white text looks on a background with the CIELCh color 61, 69.835, 345.938.

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
61, 56.214, 22.326

Trichromacy



Original Color
61, 69.835, 345.938



Protanomaly
59, 48.514, 311.449



Deuteranomaly
60, 35.626, 331.399



Tritanomaly
61, 58.003, 7.198

Monochromacy



Original Color
61, 69.835, 345.938



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 28.598, 342.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 69.835, 345.938 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(243, 88, 179)` looks like.

```
.text, #text, p{  
    color:rgb(243, 88, 179)  
}
```

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(243, 88, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 88, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 69.835, 345.938 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(243, 88, 179) }
```

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

```
.border{ border-color:rgb(243, 88, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 88, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 88, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 88, 179);  
box-shadow:4px 4px 4px 4px rgb(243, 88,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 69.835, 345.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 88, 179) }
```

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

```
.background{ background-color: rgb(243, 88,  
179) }
```

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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