

Converting Colors

CIELCh(62, 67.507, 347.997)

Have a look what the booklet for
CIELCh(62, 67.507, 347.997)
contains.

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Color

CIELCh(62, 67.345, 348.182)

Conversions

Conversions Part 1

Format	Color
Hex	F55DB0
RGB	245, 93, 176
RGB Percent	96%, 36%, 69%
CMY	0.0389, 0.6350, 0.3096
CMYK	0.00, 0.62, 0.28, 0.04
HSL	327°, 88%, 66%
HSV	327°, 62%, 96%
XYZ	49.4436, 30.4025, 44.3686
YIQ	147.9100, 63.9490, 58.0370

Conversions

Conversions Part 2

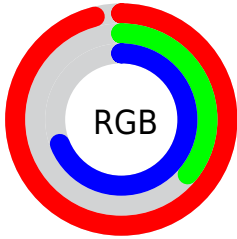
Format	Color
R _Y B	245, 93, 176
Decimal	16080304
CIE Lab	62.00, 65.92, -13.79
CIE LCh	62, 67.345, 348.182
Yxy	30.4025, 0.3980, 0.2448
Android (android.graphics.Color)	4294270384 (0xFFFF55DB0)
YUV	147.9100, 13.8484, 85.1479
Hunter-Lab	55.1385, 63.5714, -9.1123

Details

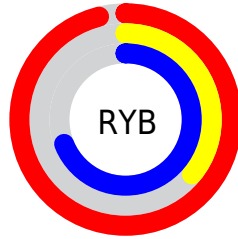
The CIELCh color **62, 67.345, 348.182** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **87, 65.069, 154.202**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 55.525, 334.060**, and **42, 67.303, 348.413** is the 20% darker color. If you saturate the color by 10%, you get **58, 74.764, 350.107**, and if you desaturate by 10%, it is **66, 58.089, 346.607**.

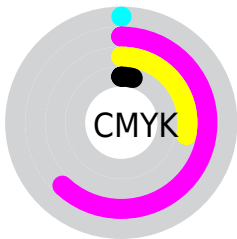
Distribution



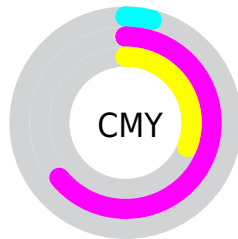
- Red (96%)
- Green (36%)
- Blue (69%)



- Red (96%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (62%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (64%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 67.345, 348.182 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 62, 67.345, 348.182 by changing the saturation by 10% instead.

 62, 67.345,
348.182


 62, 67.345,
348.182


 100, 67.345,
348.182


 52, 67.345,
348.182


 82, 67.345,
348.182

 42, 67.345,
348.182

 92, 67.345,
348.182

 32, 67.345,
348.182

 22, 67.345,
348.182

 12, 67.345,
348.182

 2, 67.345, 348.182

 0, 67.345, 348.182

62, 67.345,
348.182

62, 67.345,
348.182

58, 74.764,
350.107

66, 58.089,
346.607

56, 79.838,
352.510

71, 47.607,
345.281

54, 82.353,
355.546

77, 36.429,
344.135

53, 82.919,
358.441

83, 24.971,
343.120

89, 13.517,
342.201

95, 2.252, 341.212

99, 3.487, 190.547

99, 3.433, 199.381

Harmonies

Complementary

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



62, 67.345, 348.182



87, 65.069, 154.202

Rectangle

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



62, 67.345, 348.182



62, 67.345, 38.182



62, 67.345, 168.182



62, 67.345, 218.182

Sweetspot

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



62, 67.341, 348.183



88, 22.204, 342.838



54, 87.201, 310.774



45, 15.312, 343.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 67.341, 348.183



60, 78.381, 350.574



60, 64.645, 24.735



48, 6.368, 341.976



40, 67.606, 357.725



9, 30.752, 352.399

Inverse Universe

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



62, 67.341, 348.183



60, 78.381, 350.574



89, 42.330, 191.302



48, 6.368, 341.976



40, 67.606, 357.725



9, 30.752, 352.399

Previews

White Background



This preview shows how the CIELCh color 62, 67.345, 348.182 looks on a white background.

Color Contrast Check

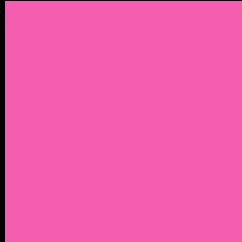
Large Text (above 18pt) WCAG AA × Fail

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 62, 67.345, 348.182 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 62, 67.345, 348.182

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.345, 348.182.

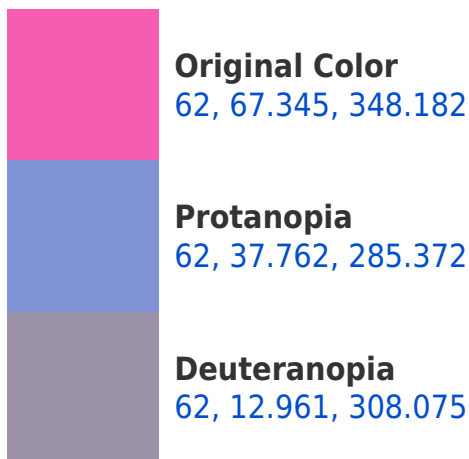


This preview shows how white text looks on a background with the CIELCh color 62, 67.345, 348.182.

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](#).

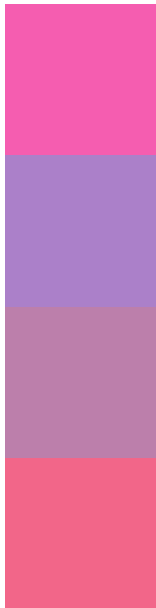
Dichromacy





Tritanopia
62, 56.017, 22.155

Trichromacy



Original Color
62, 67.345, 348.182

Protanomaly
60, 43.753, 313.744

Deuteranomaly
61, 33.407, 335.722

Tritanomaly
62, 57.445, 8.404

Monochromacy



Original Color
62, 67.345, 348.182

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 26.954, 343.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.345, 348.182 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(245, 93, 176)` looks like.

```
.text, #text, p{  
    color:rgb(245, 93, 176)  
}
```

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(245, 93, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 93, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.345, 348.182 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(245, 93, 176) }
```

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

```
.border{ border-color:rgb(245, 93, 176) }
```

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

Here you see how a box with a 4 pixel rgb(245, 93, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 93, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 93, 176);  
box-shadow:4px 4px 4px 4px rgb(245, 93,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.345, 348.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 93, 176) }
```

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

```
.background{ background-color: rgb(245, 93,  
176) }
```

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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