

Converting Colors

CIELCh(60, 70.031, 345.670)

Have a look what the booklet for
CIELCh(60, 70.031, 345.670)
contains.

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Color

CIELCh(60, 70.031, 345.670)

Conversions

Conversions Part 1

Format	Color
Hex	F055B1
RGB	240, 85, 177
RGB Percent	94%, 33%, 69%
CMY	0.0596, 0.6674, 0.3066
CMYK	0.00, 0.65, 0.26, 0.06
HSL	324°, 84%, 64%
HSV	324°, 65%, 94%
XYZ	47.0180, 28.1233, 44.4516
YIQ	141.8330, 62.8480, 61.4720

Conversions

Conversions Part 2

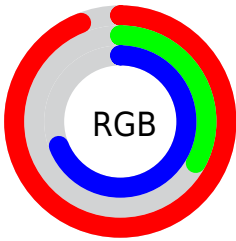
Format	Color
R _Y B	240, 85, 177
Decimal	15750577
CIE Lab	60.00, 67.85, -17.33
CIE LCh	60, 70.031, 345.670
Yxy	28.1233, 0.3932, 0.2352
Android (android.graphics.Color)	4293940657 (0xFFFF055B1)
YUV	141.8330, 17.3373, 86.0925
Hunter-Lab	53.0314, 65.4543, -12.5756

Details

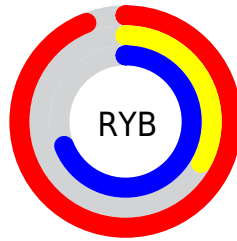
The CIELCh color **60, 70.031, 345.670** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **85, 68.999, 151.611**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 60.531, 333.319**, and **40, 69.906, 345.804** is the 20% darker color. If you saturate the color by 10%, you get **57, 76.814, 347.432**, and if you desaturate by 10%, it is **64, 61.218, 344.214**.

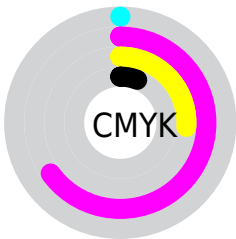
Distribution



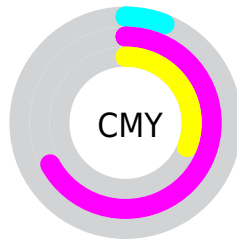
- Red (94%)
- Green (33%)
- Blue (69%)



- Red (94%)
- Yellow (33%)
- Blue (69%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (67%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 70.031, 345.670 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 60, 70.031, 345.670 by changing the saturation by 10% instead.


 60, 70.031,
345.670


 60, 70.031,
345.670


 100, 70.031,
345.670


 50, 70.031,
345.670


 80, 70.031,
345.670

 40, 70.031,
345.670

 90, 70.031,
345.670

 30, 70.031,
345.670

 20, 70.031,
345.670

 10, 70.031,
345.670

 0, 70.031, 345.670

 60, 70.031,

 60, 70.031,

345.670

345.670

57, 76.814,
347.432

64, 61.218,
344.214

54, 81.108,
349.615

69, 50.980,
342.976

53, 82.792,
352.350

74, 39.876,
341.895

52, 82.956,
354.028

80, 28.355,
340.930

86, 16.743,
340.049

92, 5.252, 339.197

98, 5.989, 158.616

99, 5.236, 197.939

99, 5.231, 199.201

Harmonies

Complementary

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



60, 70.031, 345.670



85, 68.999, 151.611

Rectangle

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



60, 70.031, 345.670



60, 70.031, 35.670



60, 70.031, 165.670



60, 70.031, 215.670

Sweetspot

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



60, 70.027, 345.671



88, 22.925, 340.431



51, 89.235, 309.544



45, 15.804, 340.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 70.027, 345.671



59, 82.422, 348.168



58, 65.114, 21.897



47, 6.469, 339.616



40, 68.100, 353.429



9, 30.565, 348.715

Inverse Universe

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



60, 70.027, 345.671



59, 82.422, 348.168



87, 44.100, 185.850



47, 6.469, 339.616



40, 68.100, 353.429



9, 30.565, 348.715

Previews

White Background



This preview shows how the CIELCh color 60, 70.031, 345.670 looks on a white background.

Color Contrast Check

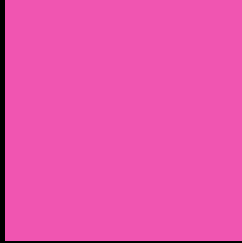
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 70.031, 345.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

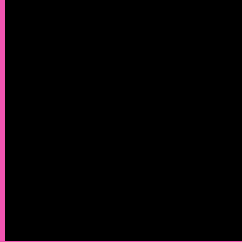
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 70.031, 345.670

Background



This preview shows how black text looks on a background with the CIELCh color 60, 70.031, 345.670.

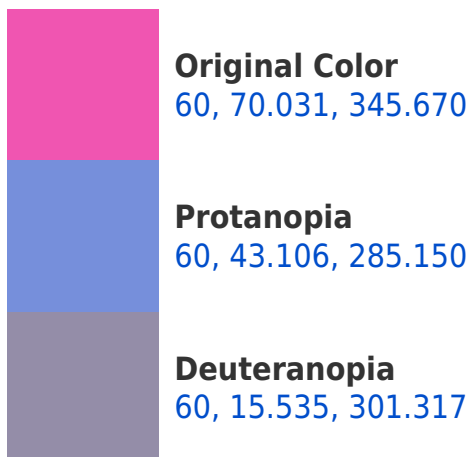


This preview shows how white text looks on a background with the CIELCh color 60, 70.031, 345.670.

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](#).

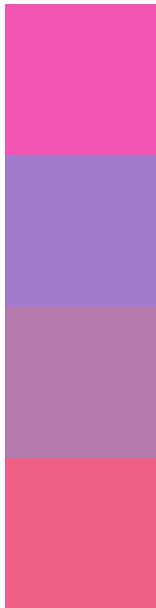
Dichromacy





Tritanopia
60, 56.078, 22.909

Trichromacy



Original Color
60, 70.031, 345.670

Protanomaly
58, 48.475, 310.687

Deuteranomaly
58, 35.725, 331.431

Tritanomaly
60, 57.721, 7.126

Monochromacy



Original Color
60, 70.031, 345.670

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 29.013, 341.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 70.031, 345.670 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, 85, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 85, 177)  
}
```

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, 85, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 85, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 70.031, 345.670 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, 85, 177) }
```

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

```
.border{ border-color:rgb(240, 85, 177) }
```

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

Here you see how a box with a 4 pixel rgb(240, 85, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 85, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 85, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 85,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 70.031, 345.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 85, 177) }
```

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

```
.background{ background-color: rgb(240, 85,  
177) }
```

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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