

Converting Colors

CIELCh(60, 82.359, 335.628)

Have a look what the booklet for
CIELCh(60, 82.359, 335.628)
contains.

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Color

CIELCh(60, 82.359, 335.628)

Conversions

Conversions Part 1

Format	Color
Hex	F04CCE
RGB	240, 76, 206
RGB Percent	94%, 30%, 81%
CMY	0.0591, 0.7022, 0.1924
CMYK	0.00, 0.68, 0.14, 0.06
HSL	312°, 84%, 62%
HSV	312°, 68%, 94%
XYZ	49.6213, 28.1233, 61.1625
YIQ	139.8560, 56.0140, 75.1980

Conversions

Conversions Part 2

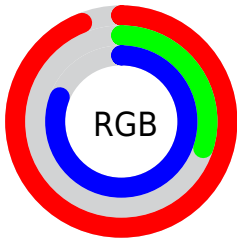
Format	Color
R _Y B	240, 76, 206
Decimal	15748302
CIE Lab	60.00, 75.02, -33.99
CIE LCh	60, 82.359, 335.628
Yxy	28.1233, 0.3572, 0.2025
Android (android.graphics.Color)	4293938382 (0xFFFF04CCE)
YUV	139.8560, 32.6090, 87.8263
Hunter-Lab	53.0314, 74.2169, -31.2587

Details

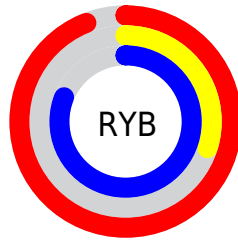
The CIELCh color **60, 82.359, 335.628** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **84, 84.640, 143.619**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **41, 78.479, 335.864** is the 20% darker color. If you saturate the color by 10%, you get **57, 88.911, 336.507**, and if you desaturate by 10%, it is **64, 73.351, 334.820**.

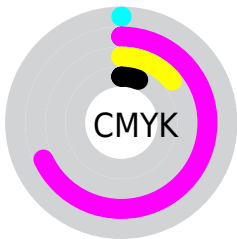
Distribution



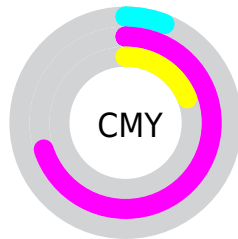
- Red (94%)
- Green (30%)
- Blue (81%)



- Red (94%)
- Yellow (30%)
- Blue (81%)



- Cyan (0%)
- Magenta (68%)
- Yellow (14%)
- Black (6%)





- Cyan (6%)
- Magenta (70%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 82.359, 335.628 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, 82.359, 335.628 by changing the saturation by 10% instead.

 60, 82.359,
335.628


 60, 82.359,
335.628


 100, 82.359,
335.628


 50, 82.359,
335.628


 80, 82.359,
335.628

 40, 82.359,
335.628

 90, 82.359,
335.628

 30, 82.359,
335.628

 20, 82.359,
335.628

 10, 82.359,
335.628

 0, 82.359, 335.628

 60, 82.359,

 60, 82.359,

335.628

57, 88.911,
336.507

55, 92.651,
337.491

54, 93.698,
338.621

54, 93.757,
338.815

335.628

64, 73.351,
334.820

68, 62.468,
334.059

73, 50.315,
333.330

78, 37.423,
332.626

84, 24.206,
331.945

90, 10.957,
331.276

96, 2.130, 150.852

99, 7.119, 157.525

Harmonies

Complementary

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



60, 82.359, 335.628



84, 84.640, 143.619

Rectangle

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



60, 82.359, 335.628



60, 82.359, 25.628



60, 82.359, 155.628



60, 82.359, 205.628

Sweetspot

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



60, 82.356, 335.628



87, 29.122, 332.128



45, 95.187, 305.112



45, 19.718, 332.316



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, 82.356, 335.628



60, 95.003, 336.877



57, 66.388, 7.580



47, 7.454, 331.352



42, 76.913, 338.597



9, 34.305, 336.870

Inverse Universe

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



60, 82.356, 335.628



60, 95.003, 336.877



86, 54.702, 167.722



47, 7.454, 331.352



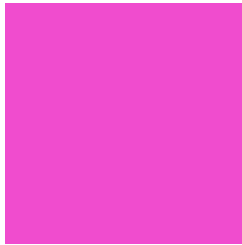
42, 76.913, 338.597



9, 34.305, 336.870

Previews

White Background



This preview shows how the CIELCh color 60, 82.359, 335.628 looks on a white background.

Color Contrast Check

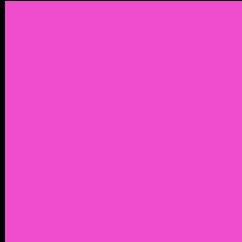
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.359, 335.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

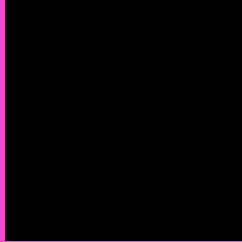
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 82.359, 335.628

Background



This preview shows how black text looks on a background with the CIELCh color 60, 82.359, 335.628.

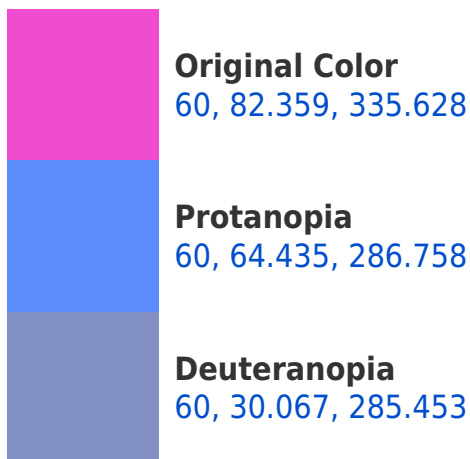


This preview shows how white text looks on a background with the CIELCh color 60, 82.359, 335.628.

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, 53.906, 22.380

Trichromacy



Original Color
60, 82.359, 335.628



Protanomaly
57, 68.678, 304.027



Deuteranomaly
58, 48.994, 315.228



Tritanomaly
60, 58.767, 359.689

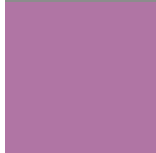
Monochromacy



Original Color
60, 82.359, 335.628



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 34.428, 332.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 82.359, 335.628 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, 76, 206)` looks like.

```
.text, #text, p{  
    color:rgb(240, 76, 206)  
}
```

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, 76, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 76, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 82.359, 335.628 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, 76, 206) }
```

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

```
.border{ border-color:rgb(240, 76, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 76, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 76, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 76, 206);  
box-shadow:4px 4px 4px 4px rgb(240, 76,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 82.359, 335.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 76, 206) }
```

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

```
.background{ background-color: rgb(240, 76,  
206) }
```

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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