

Converting Colors

CIELCh(61, 88.030, 338.240)

Have a look what the booklet for
CIELCh(61, 88.030, 338.240)
contains.

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Color

CIELCh(61, 88.170, 338.220)

Conversions

Conversions Part 1

Format	Color
Hex	FE41CF
RGB	254, 65, 207
RGB Percent	100%, 25%, 81%
CMY	0.0051, 0.7464, 0.1893
CMYK	0.00, 0.75, 0.19, 0.01
HSL	315°, 99%, 62%
HSV	315°, 75%, 99%
XYZ	53.8658, 29.2481, 61.6674
YIQ	137.6990, 67.0620, 84.2300

Conversions

Conversions Part 2

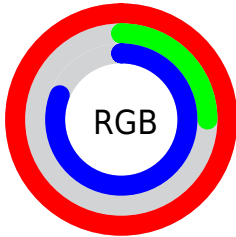
Format	Color
R _Y B	254, 65, 207
Decimal	16662991
CIE Lab	61.00, 81.88, -32.71
CIE LCh	61, 88.170, 338.220
Yxy	29.2481, 0.3720, 0.2020
Android (android.graphics.Color)	4294853071 (0xFFFE41CF)
YUV	137.6990, 34.1654, 101.9960
Hunter-Lab	54.0815, 83.1454, -29.7494

Details

The CIELCh color **61, 88.170, 338.220** 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 **88, 91.827, 143.878**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 76.316, 327.019**, and **44, 79.481, 338.963** is the 20% darker color. If you saturate the color by 10%, you get **59, 92.965, 339.380**, and if you desaturate by 10%, it is **64, 80.541, 337.210**.

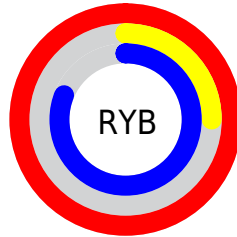
Distribution



Red (100%)

Green (25%)

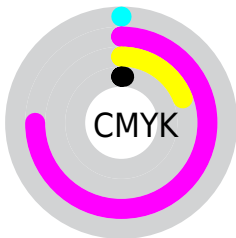
Blue (81%)



Red (100%)

Yellow (25%)

Blue (81%)

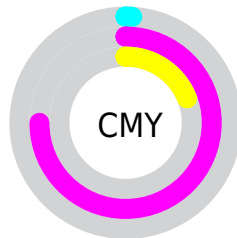


Cyan (0%)

Magenta (75%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (75%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 88.170, 338.220 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, 88.170, 338.220 by changing the saturation by 10% instead.


 61, 88.170,
338.220


 61, 88.170,
338.220


 100, 88.170,
338.220


 51, 88.170,
338.220


 81, 88.170,
338.220

 41, 88.170,
338.220

 91, 88.170,
338.220

 31, 88.170,
338.220

 21, 88.170,
338.220

 11, 88.170,
338.220

 1, 88.170, 338.220

 0, 88.170, 338.220

61, 88.170,
338.220

61, 88.170,
338.220

59, 92.965,
339.380

64, 80.541,
337.210

57, 94.798,
340.746

68, 70.585,
336.302

57, 94.864,
341.584

73, 58.935,
335.466

79, 46.207,
334.681

84, 32.910,
333.937

90, 19.421,
333.225

97, 5.998, 332.511

100, 0.449,
200.852

Harmonies

Complementary

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



61, 88.170, 338.220



88, 91.827, 143.878

Rectangle

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



61, 88.170, 338.220



61, 88.170, 28.220



61, 88.170, 158.220



61, 88.170, 208.220

Sweetspot

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



61, 88.166, 338.220



86, 29.649, 333.756



44, 108.037, 306.461



44, 19.928, 333.952



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, 88.166, 338.220



58, 94.513, 339.967



58, 74.475, 12.547



50, 7.615, 332.875



43, 76.931, 341.297



11, 36.157, 339.344

Inverse Universe

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



61, 88.166, 338.220



58, 94.513, 339.967



90, 58.541, 169.195



50, 7.615, 332.875



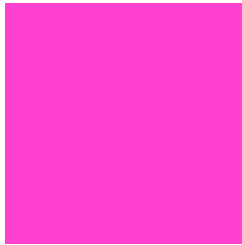
43, 76.931, 341.297



11, 36.157, 339.344

Previews

White Background



This preview shows how the CIELCh color 61, 88.170, 338.220 looks on a white background.

Color Contrast Check

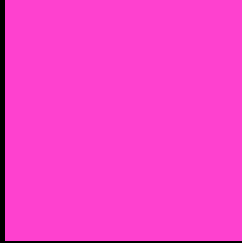
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.170, 338.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

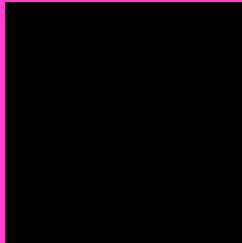
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 88.170, 338.220

Background



This preview shows how black text looks on a background with the CIELCh color 61, 88.170, 338.220.

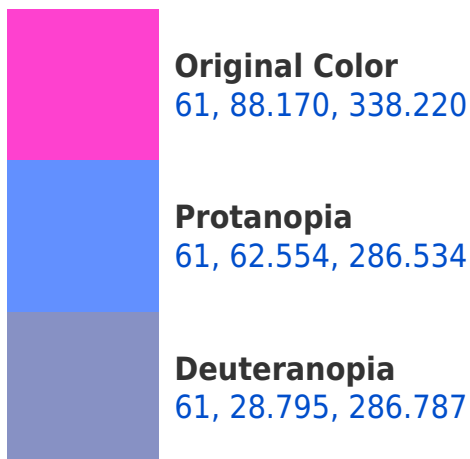


This preview shows how white text looks on a background with the CIELCh color 61, 88.170, 338.220.

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, 62.570, 24.800

Trichromacy



Original Color
61, 88.170, 338.220



Protanomaly
57, 70.049, 306.572



Deuteranomaly
58, 51.705, 318.706



Tritanomaly
60, 65.910, 3.591

Monochromacy



Original Color
61, 88.170, 338.220



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 38.194, 334.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 88.170, 338.220 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(254, 65, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 65, 207)  
}
```

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(254, 65, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 65, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 88.170, 338.220 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(254, 65, 207) }
```

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

```
.border{ border-color:rgb(254, 65, 207) }
```

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

Here you see how a box with a 4 pixel rgb(254, 65, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 65, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 65, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 65,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 88.170, 338.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 65, 207) }
```

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

```
.background{ background-color: rgb(254, 65,  
207) }
```

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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