

Converting Colors

CIELCh(65, 77.800, 338.668)

Have a look what the booklet for
CIELCh(65, 77.800, 338.668)
contains.

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Color

CIELCh(65, 77.592, 338.617)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FD2
RGB	255, 95, 210
RGB Percent	100%, 37%, 82%
CMY	0.0005, 0.6279, 0.1769
CMYK	0.00, 0.63, 0.18, 0.00
HSL	317°, 100%, 69%
HSV	317°, 63%, 100%
XYZ	56.8954, 34.0472, 64.4723
YIQ	155.9500, 58.4450, 69.6850

Conversions

Conversions Part 2

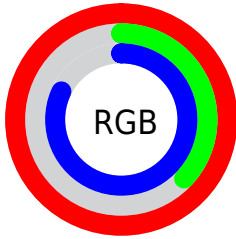
Format	Color
R _Y B	255, 95, 210
Decimal	16736210
CIE Lab	65.00, 72.25, -28.29
CIE LCh	65, 77.592, 338.617
Yxy	34.0472, 0.3661, 0.2191
Android (android.graphics.Color)	4294926290 (0xFFFF5FD2)
YUV	155.9500, 26.6467, 86.8669
Hunter-Lab	58.3500, 71.9380, -24.6660

Details

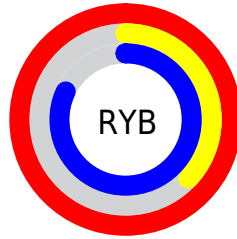
The CIELCh color **65, 77.592, 338.617** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **90, 78.356, 146.936**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.698, 326.575**, and **45, 77.473, 338.777** is the 20% darker color. If you saturate the color by 10%, you get **62, 85.525, 339.738**, and if you desaturate by 10%, it is **69, 67.451, 337.628**.

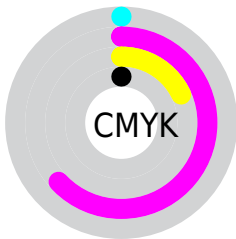
Distribution



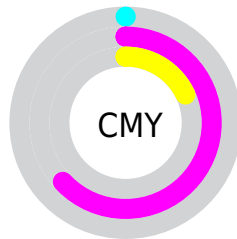
- Red (100%)
- Green (37%)
- Blue (82%)



- Red (100%)
- Yellow (37%)
- Blue (82%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 77.592, 338.617 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 65, 77.592, 338.617 by changing the saturation by 10% instead.

 65, 77.592,
338.617


 65, 77.592,
338.617


 100, 77.592,
338.617


 55, 77.592,
338.617


 85, 77.592,
338.617

 45, 77.592,
338.617

 95, 77.592,
338.617

 35, 77.592,
338.617

 25, 77.592,
338.617

 15, 77.592,
338.617

 5, 77.592, 338.617

 0, 77.592, 338.617

65, 77.592,
338.617

65, 77.592,
338.617

62, 85.525,
339.738

69, 67.451,
337.628

59, 90.719,
341.046

74, 55.759,
336.731

57, 92.951,
342.613

80, 43.111,
335.901

57, 93.068,
343.920

86, 29.989,
335.124

92, 16.744,
334.386

98, 3.609, 333.613

100, 0.042,
215.270

Harmonies

Complementary

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



65, 77.592, 338.617



90, 78.356, 146.936

Rectangle

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



65, 77.592, 338.617



65, 77.592, 28.617



65, 77.592, 158.617



65, 77.592, 208.617

Sweetspot

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



65, 77.589, 338.617



88, 25.003, 334.842



53, 91.387, 306.017



45, 17.224, 335.055



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 77.589, 338.617



61, 86.967, 340.011



63, 64.721, 11.144



50, 7.439, 334.149



43, 75.230, 343.569



11, 35.419, 341.225

Inverse Universe

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



65, 77.589, 338.617



61, 86.967, 340.011



91, 50.730, 173.761



50, 7.439, 334.149



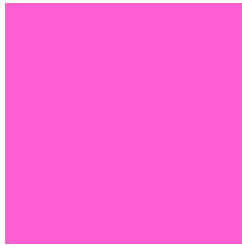
43, 75.230, 343.569



11, 35.419, 341.225

Previews

White Background



This preview shows how the CIELCh color 65, 77.592, 338.617 looks on a white background.

Color Contrast Check

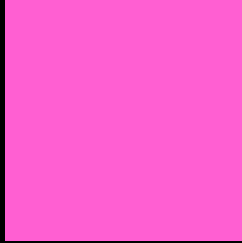
Large Text (above 18pt) WCAG AA × Fail

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 65, 77.592, 338.617 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 65, 77.592, 338.617

Background



This preview shows how black text looks on a background with the CIELCh color 65, 77.592, 338.617.



This preview shows how white text looks on a background with the CIELCh color 65, 77.592, 338.617.

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
65, 54.161, 21.384

Trichromacy



Original Color
65, 77.592, 338.617



Protanomaly
63, 60.276, 306.033



Deuteranomaly
63, 44.016, 319.993



Tritanomaly
65, 58.230, 1.746

Monochromacy



Original Color
65, 77.592, 338.617



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 31.723, 335.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 77.592, 338.617 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(255, 95, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 210)  
}
```

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(255, 95, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 77.592, 338.617 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(255, 95, 210) }
```

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

```
.border{ border-color:rgb(255, 95, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 77.592, 338.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 210) }
```

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

```
.background{ background-color: rgb(255, 95,  
210) }
```

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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