

Converting Colors

CIELCh(65, 77.420, 339.190)

Have a look what the booklet for
CIELCh(65, 77.420, 339.190)
contains.

CIELCh(65, 77.283, 338.926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 77.283, 338.926)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FD1
RGB	255, 95, 209
RGB Percent	100%, 37%, 82%
CMY	0.0000, 0.6274, 0.1804
CMYK	0.00, 0.63, 0.18, 0.00
HSL	317°, 100%, 69%
HSV	317°, 63%, 100%
XYZ	56.8400, 34.0472, 63.8969
YIQ	155.8360, 58.7660, 69.3740

Conversions

Conversions Part 2

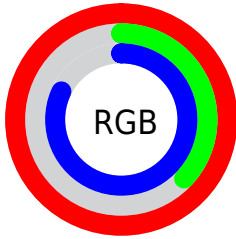
Format	Color
R _Y B	255, 95, 209
Decimal	16736209
CIE Lab	65.00, 72.11, -27.79
CIE LCh	65, 77.283, 338.926
Yxy	34.0472, 0.3672, 0.2200
Android (android.graphics.Color)	4294926289 (0xFFFF5FD1)
YUV	155.8360, 26.2099, 86.9668
Hunter-Lab	58.3500, 71.7685, -24.0813

Details

The CIELCh color **65, 77.283, 338.926** 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, 77.971, 147.167**, 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, 77.166, 339.109** is the 20% darker color. If you saturate the color by 10%, you get **62, 85.196, 340.073**, and if you desaturate by 10%, it is **69, 67.169, 337.918**.

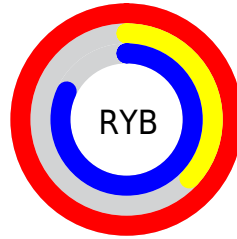
Distribution



Red (100%)

Green (37%)

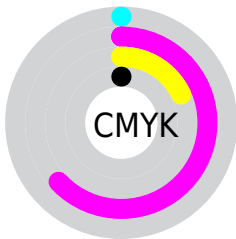
Blue (82%)



Red (100%)

Yellow (37%)

Blue (82%)

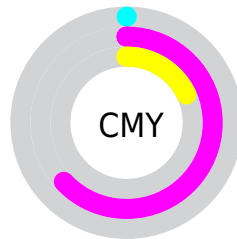


Cyan (0%)

Magenta (63%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 77.283, 338.926 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, 77.283, 338.926 by changing the saturation by 10% instead.

 65, 77.283,
338.926


 65, 77.283,
338.926


 100, 77.283,
338.926


 55, 77.283,
338.926


 85, 77.283,
338.926

 45, 77.283,
338.926

 95, 77.283,
338.926

 35, 77.283,
338.926

 25, 77.283,
338.926

 15, 77.283,
338.926

 5, 77.283, 338.926

 0, 77.283, 338.926

65, 77.283,
338.926

65, 77.283,
338.926

62, 85.196,
340.073

69, 67.169,
337.918

59, 90.378,
341.417

74, 55.511,
337.007

57, 92.602,
343.031

80, 42.905,
336.167

57, 92.712,
344.387

86, 29.831,
335.382

92, 16.637,
334.638

98, 3.556, 333.858

100, 0.012,
295.891

Harmonies

Complementary

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



65, 77.283, 338.926



90, 77.971, 147.167

Rectangle

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



65, 77.283, 338.926



65, 77.283, 28.926



65, 77.283, 158.926



65, 77.283, 208.926

Sweetspot

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



65, 77.280, 338.926



88, 24.893, 335.100



53, 91.335, 306.423



45, 17.149, 335.315



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, 77.280, 338.926



61, 86.620, 340.357



63, 64.793, 12.437



50, 7.406, 334.402



43, 74.918, 344.023



11, 35.281, 341.599

Inverse Universe

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



65, 77.280, 338.926



61, 86.620, 340.357



91, 49.979, 175.153



50, 7.406, 334.402



43, 74.918, 344.023



11, 35.281, 341.599

Previews

White Background



This preview shows how the CIELCh color 65, 77.283, 338.926 looks on a white background.

Color Contrast Check

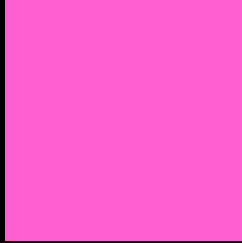
Large Text (above 18pt) WCAG AA × Fail

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, 77.283, 338.926 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, 77.283, 338.926

Background



This preview shows how black text looks on a background with the CIELCh color 65, 77.283, 338.926.

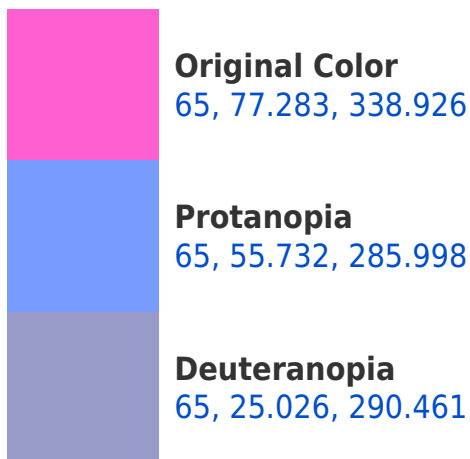


This preview shows how white text looks on a background with the CIELCh color 65, 77.283, 338.926.

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, 77.283, 338.926



Protanomaly
63, 59.748, 306.110



Deuteranomaly
63, 43.541, 320.327



Tritanomaly
65, 58.230, 1.746

Monochromacy



Original Color
65, 77.283, 338.926



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 31.351, 336.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 77.283, 338.926 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 77.283, 338.926 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, 209) }
```

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

```
.border{ border-color:rgb(255, 95, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 77.283, 338.926 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, 209) }
```

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

```
.background{ background-color: rgb(255, 95,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor