

Converting Colors

CIELCh(63, 84.052, 338.363)

Have a look what the booklet for
CIELCh(63, 84.052, 338.363)
contains.

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Color

CIELCh(63, 83.937, 338.290)

Conversions

Conversions Part 1

Format	Color
Hex	FF4FD1
RGB	255, 79, 209
RGB Percent	100%, 31%, 82%
CMY	0.0000, 0.6887, 0.1792
CMYK	0.00, 0.69, 0.18, 0.00
HSL	316°, 100%, 66%
HSV	316°, 69%, 100%
XYZ	55.7335, 31.5869, 63.6817
YIQ	146.4440, 63.1660, 77.7420

Conversions

Conversions Part 2

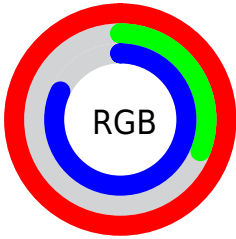
Format	Color
R_{YB}	255, 79, 209
Decimal	16732113
CIE _{Lab}	63.00, 77.98, -31.05
CIE _{LCh}	63, 83.937, 338.290
Yxy	31.5869, 0.3691, 0.2092
Android (android.graphics.Color)	4294922193 (0xFFFF4FD1)
YUV	146.4440, 30.8401, 95.2036
Hunter-Lab	56.2022, 78.6572, -27.8388

Details

The CIELCh color **63, 83.937, 338.290** 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 **89, 85.996, 145.217**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 70.779, 326.840**, and **44, 80.152, 338.578** is the 20% darker color. If you saturate the color by 10%, you get **60, 90.295, 339.339**, and if you desaturate by 10%, it is **67, 74.908, 337.226**.

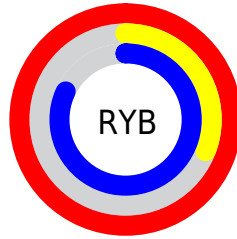
Distribution



Red (100%)

Green (31%)

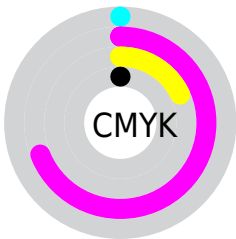
Blue (82%)



Red (100%)

Yellow (31%)

Blue (82%)

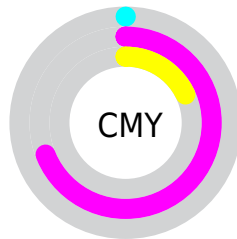


Cyan (0%)

Magenta (69%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 83.937, 338.290 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 63, 83.937, 338.290 by changing the saturation by 10% instead.

 63, 83.937,
338.290


 63, 83.937,
338.290


 100, 83.937,
338.290


 53, 83.937,
338.290


 83, 83.937,
338.290

 43, 83.937,
338.290

 93, 83.937,
338.290

 33, 83.937,
338.290

 23, 83.937,
338.290

 13, 83.937,
338.290

 3, 83.937, 338.290

 0, 83.937, 338.290

63, 83.937,
338.290

63, 83.937,
338.290

60, 90.295,
339.339

67, 74.908,
337.226

58, 93.750,
340.656

71, 63.951,
336.331

57, 94.442,
342.219

76, 51.661,
335.504

57, 94.448,
342.404

82, 38.602,
334.727

88, 25.207,
333.989

94, 11.783,
333.278

100, 0.012,
296.813

Harmonies

Complementary

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



63, 83.937, 338.290



89, 85.996, 145.217

Rectangle

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



63, 83.937, 338.290



63, 83.937, 28.290



63, 83.937, 158.290



63, 83.937, 208.290

Sweetspot

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



63, 83.890, 338.214



87, 28.065, 334.143



48, 100.473, 306.251



44, 19.005, 334.345



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 83.890, 338.214



59, 92.085, 339.855



60, 70.271, 11.818



50, 7.552, 333.322



43, 76.309, 342.091



11, 35.889, 340.003

Inverse Universe

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



63, 83.890, 338.214



59, 92.085, 339.855



91, 54.953, 171.472



50, 7.552, 333.322



43, 76.309, 342.091



11, 35.889, 340.003

Previews

White Background



This preview shows how the CIELCh color 63, 83.937, 338.290 looks on a white background.

Color Contrast Check

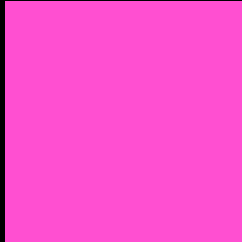
Large Text (above 18pt) WCAG AA × Fail

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 63, 83.937, 338.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

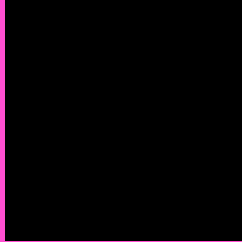
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 83.937, 338.290

Background



This preview shows how black text looks on a background with the CIELCh color 63, 83.937, 338.290.

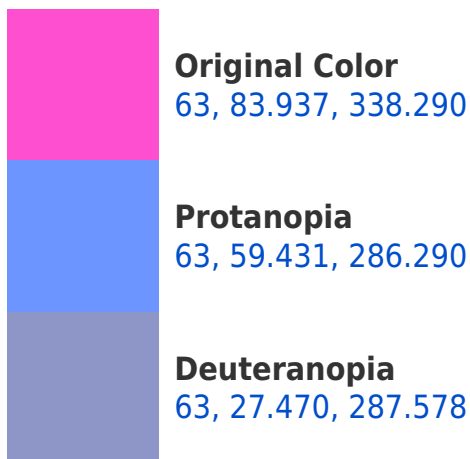


This preview shows how white text looks on a background with the CIELCh color 63, 83.937, 338.290.

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
63, 58.575, 23.167

Trichromacy



Original Color
63, 83.937, 338.290



Protanomaly
60, 65.142, 306.166



Deuteranomaly
61, 48.598, 318.859



Tritanomaly
62, 62.446, 2.231

Monochromacy



Original Color
63, 83.937, 338.290



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 35.781, 334.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 83.937, 338.290 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, 79, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 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, 79, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 83.937, 338.290 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, 79, 209) }
```

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

```
.border{ border-color:rgb(255, 79, 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, 79, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 83.937, 338.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 209) }
```

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

```
.background{ background-color: rgb(255, 79,  
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](#).

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