

Converting Colors

CIELCh(62, 81.703, 338.628)

Have a look what the booklet for
CIELCh(62, 81.703, 338.628)
contains.

CIELCh(62, 81.750, 338.600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 81.750, 338.600)

Conversions

Conversions Part 1

Format	Color
Hex	FA4FCC
RGB	250, 79, 204
RGB Percent	98%, 31%, 80%
CMY	0.0183, 0.6888, 0.1988
CMYK	0.00, 0.68, 0.18, 0.02
HSL	316°, 95%, 65%
HSV	316°, 68%, 98%
XYZ	53.3008, 30.4025, 60.3773
YIQ	144.3790, 61.7910, 75.1270

Conversions

Conversions Part 2

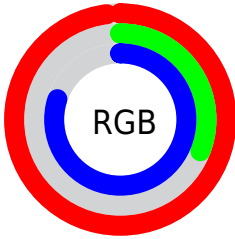
Format	Color
RYB	250, 79, 204
Decimal	16404428
CIELab	62.00, 76.11, -29.83
CIELCh	62, 81.750, 338.600
Yxy	30.4025, 0.3699, 0.2110
Android (android.graphics.Color)	4294594508 (0xFFFA4FCC)
YUV	144.3790, 29.3932, 92.6296
Hunter-Lab	55.1385, 76.0585, -26.3263

Details

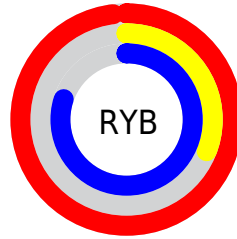
The CIELCh color **62, 81.750, 338.600** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 83.586, 145.633**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 70.779, 326.840**, and **43, 78.378, 339.160** is the 20% darker color. If you saturate the color by 10%, you get **59, 88.195, 339.756**, and if you desaturate by 10%, it is **66, 72.803, 337.589**.

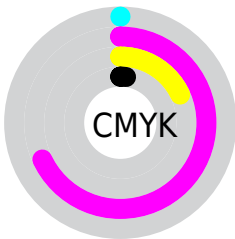
Distribution



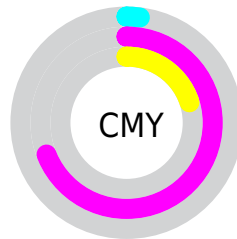
- Red (98%)
- Green (31%)
- Blue (80%)



- Red (98%)
- Yellow (31%)
- Blue (80%)



- Cyan (0%)
- Magenta (68%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (69%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 81.750, 338.600 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 62, 81.750, 338.600 by changing the saturation by 10% instead.

 62, 81.750,
338.600


 62, 81.750,
338.600


 100, 81.750,
338.600

 52, 81.750,
338.600


 82, 81.750,
338.600

 42, 81.750,
338.600

 92, 81.750,
338.600

 32, 81.750,
338.600

 22, 81.750,
338.600

 12, 81.750,
338.600

 2, 81.750, 338.600

 0, 81.750, 338.600

62, 81.750,
338.600

62, 81.750,
338.600

59, 88.195,
339.756

66, 72.803,
337.589

57, 91.761,
341.116

70, 61.965,
336.677

56, 92.559,
342.738

75, 49.863,
335.837

56, 92.571,
343.031

81, 37.041,
335.050

87, 23.915,
334.306

93, 10.779,
333.588

99, 2.177, 153.142

100, 1.620,
199.712

Harmonies

Complementary

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



62, 81.750, 338.600



88, 83.586, 145.633

Rectangle

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



62, 81.750, 338.600



62, 81.750, 28.600



62, 81.750, 158.600



62, 81.750, 208.600

Sweetspot

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



62, 81.747, 338.600



87, 26.551, 334.431



48, 98.068, 306.555



45, 18.128, 334.639



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 81.747, 338.600



59, 91.159, 340.243



59, 68.857, 12.921



49, 7.380, 333.674



42, 75.095, 342.703



10, 34.789, 340.407

Inverse Universe

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



62, 81.747, 338.600



59, 91.159, 340.243



89, 52.994, 172.946



49, 7.380, 333.674



42, 75.095, 342.703



10, 34.789, 340.407

Previews

White Background



This preview shows how the CIELCh color 62, 81.750, 338.600 looks on a white background.

Color Contrast Check

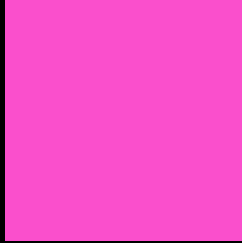
Large Text (above 18pt) WCAG AA × Fail

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 62, 81.750, 338.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

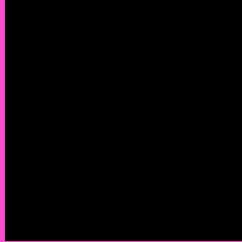
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 81.750, 338.600

Background



This preview shows how black text looks on a background with the CIELCh color 62, 81.750, 338.600.

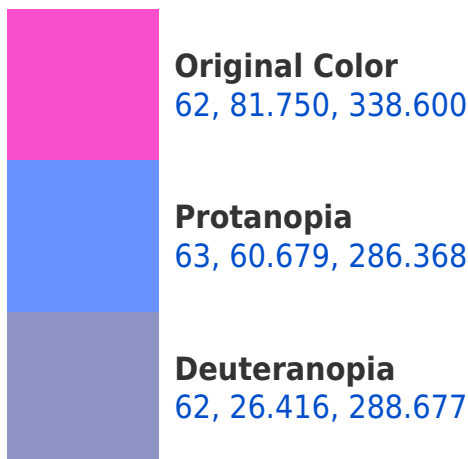


This preview shows how white text looks on a background with the CIELCh color 62, 81.750, 338.600.

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
62, 57.431, 22.994

Trichromacy



Original Color
62, 81.750, 338.600



Protanomaly
59, 65.757, 305.621



Deuteranomaly
60, 47.240, 319.753



Tritanomaly
62, 61.359, 2.652

Monochromacy



Original Color
62, 81.750, 338.600



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 34.588, 334.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 81.750, 338.600 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(250, 79, 204)` looks like.

```
.text, #text, p{  
    color:rgb(250, 79, 204)  
}
```

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(250, 79, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 79, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 81.750, 338.600 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(250, 79, 204) }
```

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

```
.border{ border-color:rgb(250, 79, 204) }
```

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

Here you see how a box with a 4 pixel rgb(250, 79, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 79, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 79, 204);  
box-shadow:4px 4px 4px 4px rgb(250, 79,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 81.750, 338.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 79, 204) }
```

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

```
.background{ background-color: rgb(250, 79,  
204) }
```

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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