

Converting Colors

CIELCh(63, 86.463, 334.168)

Have a look what the booklet for
CIELCh(63, 86.463, 334.168)
contains.

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Color

CIELCh(63, 86.604, 334.233)

Conversions

Conversions Part 1

Format	Color
Hex	FB51DD
RGB	251, 81, 221
RGB Percent	98%, 32%, 87%
CMY	0.0160, 0.6826, 0.1336
CMYK	0.00, 0.68, 0.12, 0.02
HSL	311°, 95%, 65%
HSV	311°, 68%, 98%
XYZ	55.7374, 31.5869, 71.5204
YIQ	147.7900, 56.3800, 79.5800

Conversions

Conversions Part 2

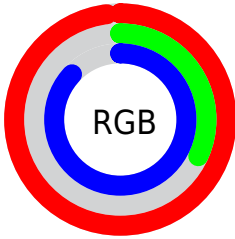
Format	Color
R _Y B	251, 81, 221
Decimal	16470493
CIE Lab	63.00, 77.99, -37.65
CIE LCh	63, 86.604, 334.233
Yxy	31.5869, 0.3509, 0.1989
Android (android.graphics.Color)	4294660573 (0xFFFB51DD)
YUV	147.7900, 36.0925, 90.5152
Hunter-Lab	56.2022, 78.6696, -36.1081

Details

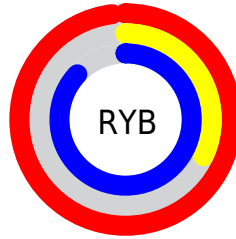
The CIELCh color **63, 86.604, 334.233** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **88, 89.018, 142.751**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 69.646, 326.803**, and **44, 83.571, 334.530** is the 20% darker color. If you saturate the color by 10%, you get **60, 93.695, 334.991**, and if you desaturate by 10%, it is **67, 76.962, 333.514**.

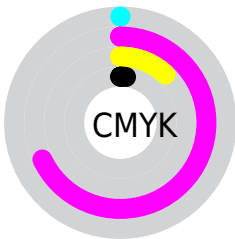
Distribution



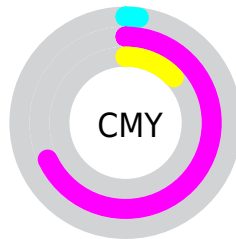
- Red (98%)
- Green (32%)
- Blue (87%)



- Red (98%)
- Yellow (32%)
- Blue (87%)



- Cyan (0%)
- Magenta (68%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (68%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 86.604, 334.233 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, 86.604, 334.233 by changing the saturation by 10% instead.


 63, 86.604,
334.233


 63, 86.604,
334.233


 100, 86.604,
334.233


 53, 86.604,
334.233


 83, 86.604,
334.233

 43, 86.604,
334.233

 93, 86.604,
334.233

 33, 86.604,
334.233

 23, 86.604,
334.233

 13, 86.604,
334.233

 3, 86.604, 334.233

 0, 86.604, 334.233

63, 86.604,
334.233

63, 86.604,
334.233

60, 93.695,
334.991

67, 76.962,
333.514

58, 97.859,
335.814

71, 65.375,
332.817

57, 99.161,
336.734

76, 52.471,
332.135

57, 99.253,
336.950

82, 38.802,
331.466

88, 24.798,
330.811

94, 10.766,
330.161

100, 2.116,
152.240

100, 1.414,

Harmonies

Complementary

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



63, 86.604, 334.233



88, 89.018, 142.751

Rectangle

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



63, 86.604, 334.233



63, 86.604, 24.233



63, 86.604, 154.233



63, 86.604, 204.233

Sweetspot

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



63, 86.601, 334.233



88, 28.334, 330.958



47, 98.010, 304.381



45, 19.339, 331.142



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, 86.601, 334.233



60, 96.583, 335.256



60, 68.477, 4.805



49, 7.884, 330.276



43, 80.305, 336.771



11, 36.955, 335.508

Inverse Universe

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



63, 86.601, 334.233



60, 96.583, 335.256



89, 58.208, 165.413



49, 7.884, 330.276



43, 80.305, 336.771



11, 36.955, 335.508

Previews

White Background



This preview shows how the CIELCh color 63, 86.604, 334.233 looks on a white background.

Color Contrast Check

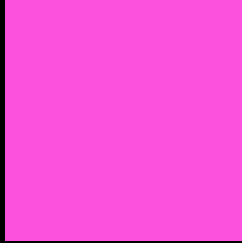
Large Text (above 18pt) WCAG AA × Fail

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, 86.604, 334.233 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, 86.604, 334.233

Background



This preview shows how black text looks on a background with the CIELCh color 63, 86.604, 334.233.

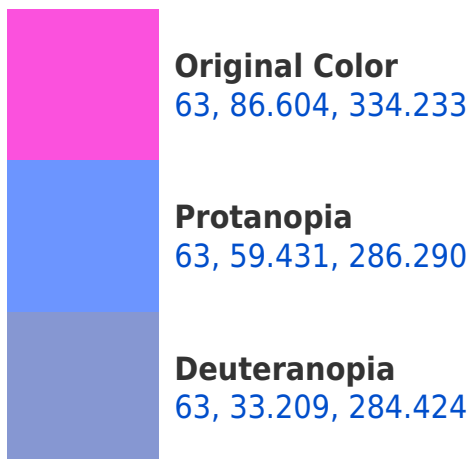


This preview shows how white text looks on a background with the CIELCh color 63, 86.604, 334.233.

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, 54.543, 21.685

Trichromacy



Original Color
63, 86.604, 334.233



Protanomaly
60, 67.762, 305.615



Deuteranomaly
61, 52.196, 313.671



Tritanomaly
62, 60.655, 358.492

Monochromacy



Original Color
63, 86.604, 334.233



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 36.244, 331.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 86.604, 334.233 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(251, 81, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 81, 221)  
}
```

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(251, 81, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 81, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 86.604, 334.233 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(251, 81, 221) }
```

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

```
.border{ border-color:rgb(251, 81, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 81, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 81, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 81, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 81,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 86.604, 334.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 81, 221) }
```

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

```
.background{ background-color: rgb(251, 81,  
221) }
```

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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