

Converting Colors

CIELCh(63, 87.160, 335.044)

Have a look what the booklet for
CIELCh(63, 87.160, 335.044)
contains.

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Color

CIELCh(63, 86.918, 335.144)

Conversions

Conversions Part 1

Format	Color
Hex	FD4FDB
RGB	253, 79, 219
RGB Percent	99%, 31%, 86%
CMY	0.0079, 0.6902, 0.1412
CMYK	0.00, 0.69, 0.13, 0.01
HSL	312°, 98%, 65%
HSV	312°, 69%, 99%
XYZ	56.0871, 31.5869, 70.1558
YIQ	146.9860, 58.7640, 80.4280

Conversions

Conversions Part 2

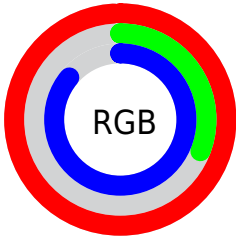
Format	Color
R_{YB}	253, 79, 219
Decimal	16601051
CIE _{Lab}	63.00, 78.87, -36.54
CIE _{LCh}	63, 86.918, 335.144
Yxy	31.5869, 0.3554, 0.2001
Android (android.graphics.Color)	4294791131 (0xFFFD4FDB)
YUV	146.9860, 35.5029, 92.9743
Hunter-Lab	56.2022, 79.7805, -34.6686

Details

The CIELCh color **63, 86.918, 335.144** 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, 89.489, 143.157**, 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, 83.266, 335.057** is the 20% darker color. If you saturate the color by 10%, you get **60, 93.646, 335.982**, and if you desaturate by 10%, it is **67, 77.578, 334.366**.

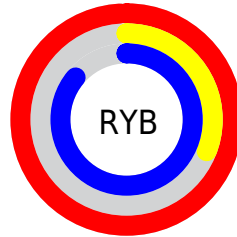
Distribution



Red (99%)

Green (31%)

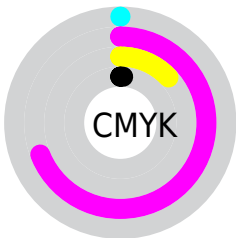
Blue (86%)



Red (99%)

Yellow (31%)

Blue (86%)

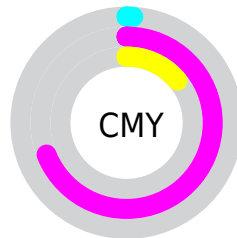


Cyan (0%)

Magenta (69%)

Yellow (13%)

Black (1%)



Cyan (1%)


Magenta (69%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 86.918, 335.144 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, 86.918, 335.144 by changing the saturation by 10% instead.

 63, 86.918,
335.144

 63, 86.918,
335.144


 100, 86.918,
335.144


 53, 86.918,
335.144


 83, 86.918,
335.144

 43, 86.918,
335.144

 93, 86.918,
335.144

 33, 86.918,
335.144

 23, 86.918,
335.144

 13, 86.918,
335.144

 3, 86.918, 335.144

 0, 86.918, 335.144

63, 86.918,
335.144

63, 86.918,
335.144

60, 93.646,
335.982

67, 77.578,
334.366

58, 97.413,
336.913

71, 66.228,
333.627

57, 98.393,
337.972

76, 53.503,
332.913

57, 98.430,
338.107

82, 39.969,
332.221

88, 26.069,
331.547

94, 12.119,
330.886

100, 0.994,
154.749

100, 0.697,

Harmonies

Complementary

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



63, 86.918, 335.144



88, 89.489, 143.157

Rectangle

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



63, 86.918, 335.144



63, 86.918, 25.144



63, 86.918, 155.144



63, 86.918, 205.144

Sweetspot

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



63, 86.915, 335.144



87, 29.365, 331.696



47, 100.087, 304.852



45, 19.882, 331.882



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, 86.915, 335.144



60, 96.195, 336.365



60, 69.663, 6.455



50, 7.908, 330.935



43, 79.953, 337.906



11, 37.440, 336.518

Inverse Universe

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



63, 86.915, 335.144



60, 96.195, 336.365



90, 58.256, 166.406



50, 7.908, 330.935



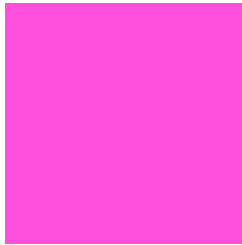
43, 79.953, 337.906



11, 37.440, 336.518

Previews

White Background



This preview shows how the CIELCh color 63, 86.918, 335.144 looks on a white background.

Color Contrast Check

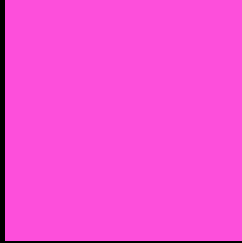
Large Text (above 18pt) WCAG AA × Fail

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, 86.918, 335.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

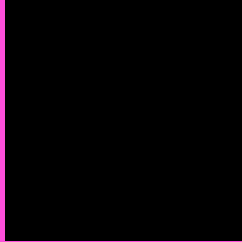
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 86.918, 335.144

Background



This preview shows how black text looks on a background with the CIELCh color 63, 86.918, 335.144.

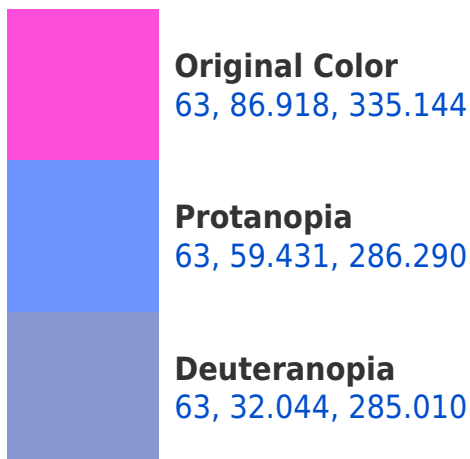


This preview shows how white text looks on a background with the CIELCh color 63, 86.918, 335.144.

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, 55.949, 22.539

Trichromacy



Original Color
63, 86.918, 335.144



Protanomaly
60, 67.255, 305.920



Deuteranomaly
61, 51.993, 314.974



Tritanomaly
63, 61.461, 359.739

Monochromacy



Original Color
63, 86.918, 335.144



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 36.948, 332.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 86.918, 335.144 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(253, 79, 219)` looks like.

```
.text, #text, p{  
    color:rgb(253, 79, 219)  
}
```

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(253, 79, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 79, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 86.918, 335.144 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(253, 79, 219) }
```

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

```
.border{ border-color:rgb(253, 79, 219) }
```

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

Here you see how a box with a 4 pixel rgb(253, 79, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 79, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 79, 219);  
box-shadow:4px 4px 4px 4px rgb(253, 79,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 86.918, 335.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 79, 219) }
```

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

```
.background{ background-color: rgb(253, 79,  
219) }
```

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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