

Converting Colors

CIELCh(64, 79.932, 332.403)

Have a look what the booklet for
CIELCh(64, 79.932, 332.403)
contains.

CIELCh(64, 79.698, 332.605)	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(64, 79.698, 332.605)

Conversions

Conversions Part 1

Format	Color
Hex	F460DE
RGB	244, 96, 222
RGB Percent	96%, 38%, 87%
CMY	0.0438, 0.6242, 0.1301
CMYK	0.00, 0.61, 0.09, 0.04
HSL	309°, 87%, 67%
HSV	309°, 61%, 96%
XYZ	54.5779, 32.8017, 72.4464
YIQ	154.6160, 47.7620, 70.5620

Conversions

Conversions Part 2

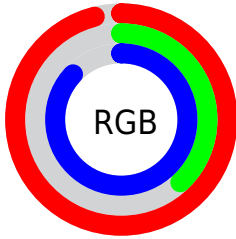
Format	Color
R _Y B	244, 96, 222
Decimal	16015582
CIE Lab	64.00, 70.76, -36.67
CIE LCh	64, 79.698, 332.605
Yxy	32.8017, 0.3415, 0.2052
Android (android.graphics.Color)	4294205662 (0xFFFF460DE)
YUV	154.6160, 33.2203, 78.3898
Hunter-Lab	57.2727, 69.8739, -34.9072

Details

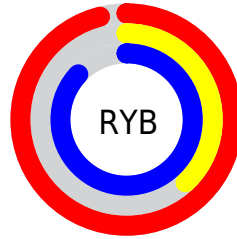
The CIELCh color **64, 79.698, 332.605** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **86, 81.002, 142.973**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.698, 326.575**, and **44, 79.435, 332.602** is the 20% darker color. If you saturate the color by 10%, you get **61, 88.637, 333.253**, and if you desaturate by 10%, it is **68, 68.656, 331.962**.

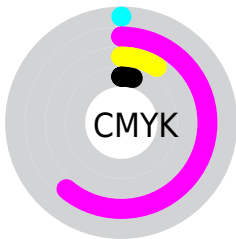
Distribution



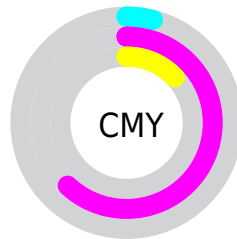
- Red (96%)
- Green (38%)
- Blue (87%)



- Red (96%)
- Yellow (38%)
- Blue (87%)



- Cyan (0%)
- Magenta (61%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 79.698, 332.605 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 64, 79.698, 332.605 by changing the saturation by 10% instead.

 64, 79.698,
332.605

 64, 79.698,
332.605

 100, 79.698,
332.605

 54, 79.698,
332.605

 84, 79.698,
332.605

 44, 79.698,
332.605

 94, 79.698,
332.605

 34, 79.698,
332.605

 24, 79.698,
332.605

 14, 79.698,
332.605

 4, 79.698, 332.605

 0, 79.698, 332.605

64, 79.698,
332.605

64, 79.698,
332.605

61, 88.637,
333.253

68, 68.656,
331.962

58, 94.945,
333.918

73, 56.138,
331.321

57, 98.348,
334.622

78, 42.709,
330.681

56, 99.259,
335.328

84, 28.830,
330.047

90, 14.839,
329.418

96, 0.965, 328.485

99, 5.600, 154.128

99, 4.452, 170.772

Harmonies

Complementary

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



64, 79.698, 332.605



86, 81.002, 142.973

Rectangle

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



64, 79.698, 332.605



64, 79.698, 22.605



64, 79.698, 152.605



64, 79.698, 202.605

Sweetspot

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



64, 79.695, 332.605



89, 25.987, 329.880



50, 85.429, 302.623



46, 18.070, 330.064



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 79.695, 332.605



63, 93.585, 333.416



61, 61.431, 0.285



48, 7.905, 329.341



43, 81.215, 335.191



10, 36.662, 334.138

Inverse Universe

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



64, 79.695, 332.605



63, 93.585, 333.416



87, 54.017, 164.370



48, 7.905, 329.341



43, 81.215, 335.191



10, 36.662, 334.138

Previews

White Background



This preview shows how the CIELCh color 64, 79.698, 332.605 looks on a white background.

Color Contrast Check

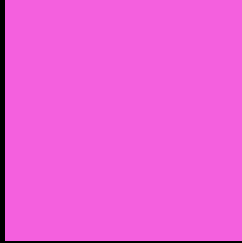
Large Text (above 18pt) WCAG AA × Fail

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 64, 79.698, 332.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

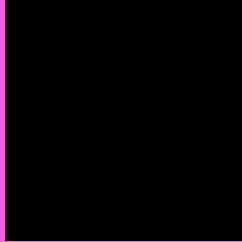
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 79.698, 332.605

Background



This preview shows how black text looks on a background with the CIELCh color 64, 79.698, 332.605.

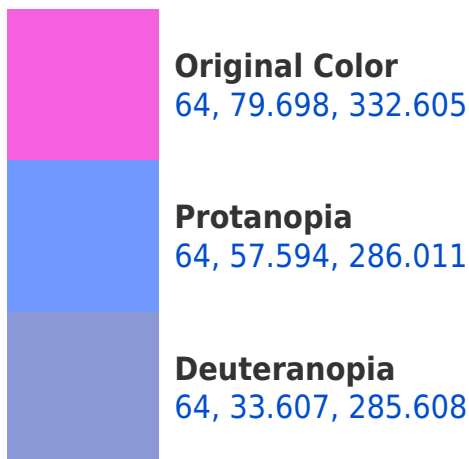


This preview shows how white text looks on a background with the CIELCh color 64, 79.698, 332.605.

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
64, 47.013, 19.678

Trichromacy



Original Color
64, 79.698, 332.605



Protanomaly
62, 62.823, 304.072



Deuteranomaly
62, 49.300, 311.780



Tritanomaly
64, 53.937, 355.836

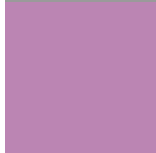
Monochromacy



Original Color
64, 79.698, 332.605



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 32.426, 330.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 79.698, 332.605 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(244, 96, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 96, 222)  
}
```

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(244, 96, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 96, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 79.698, 332.605 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(244, 96, 222) }
```

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

```
.border{ border-color:rgb(244, 96, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 96, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 96, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 96, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 96,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 79.698, 332.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 96, 222) }
```

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

```
.background{ background-color: rgb(244, 96,  
222) }
```

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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