

Converting Colors

CIELCh(64, 98.140, 329.289)

Have a look what the booklet for
CIELCh(64, 98.140, 329.289)
contains.

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Color

CIELCh(64, 98.052, 329.293)

Conversions

Conversions Part 1

Format	Color
Hex	FE4BF6
RGB	254, 75, 246
RGB Percent	100%, 29%, 96%
CMY	0.0035, 0.7054, 0.0349
CMYK	0.00, 0.70, 0.03, 0.00
HSL	303°, 99%, 65%
HSV	303°, 70%, 100%
XYZ	60.0897, 32.8017, 90.4380
YIQ	148.0150, 51.7930, 91.1290

Conversions

Conversions Part 2

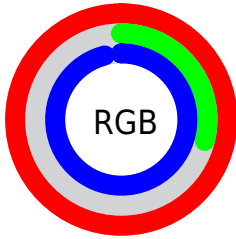
Format	Color
R_{YB}	254, 75, 246
Decimal	16665590
CIE _{Lab}	64.00, 84.30, -50.07
CIE _{LCh}	64, 98.052, 329.293
Yxy	32.8017, 0.3278, 0.1789
Android (android.graphics.Color)	4294855670 (0xFFFE4BF6)
YUV	148.0150, 48.3066, 92.9488
Hunter-Lab	57.2727, 87.0523, -53.5325

Details

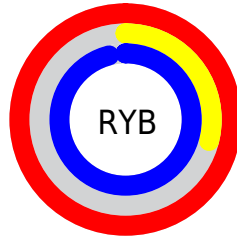
The CIELCh color **64, 98.052, 329.293** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **88, 100.560, 138.935**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **46, 92.205, 329.075** is the 20% darker color. If you saturate the color by 10%, you get **62, 105.316, 329.633**, and if you desaturate by 10%, it is **67, 88.019, 328.888**.

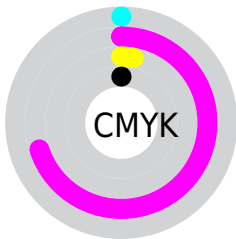
Distribution



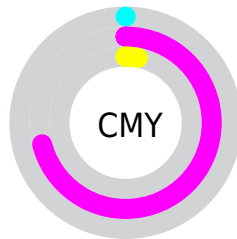
- Red (100%)
- Green (29%)
- Blue (96%)



- Red (100%)
- Yellow (29%)
- Blue (96%)



- Cyan (0%)
- Magenta (70%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 98.052, 329.293 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, 98.052, 329.293 by changing the saturation by 10% instead.

 64, 98.052,
329.293

 64, 98.052,
329.293

 100, 98.052,
329.293

 54, 98.052,
329.293


 84, 98.052,
329.293

 44, 98.052,
329.293

 94, 98.052,
329.293

 34, 98.052,
329.293

 24, 98.052,
329.293

 14, 98.052,
329.293

 4, 98.052, 329.293

 0, 98.052, 329.293

64, 98.052,
329.293

64, 98.052,
329.293

62, 105.316,
329.633

67, 88.019,
328.888

60, 109.574,
329.911

71, 75.752,
328.425

59, 111.214,
330.133

76, 61.881,
327.915

82, 47.003,
327.371

87, 31.614,
326.806

93, 16.084,
326.229

99, 0.672, 325.207

100, 0.307,
201.542

Harmonies

Complementary

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



64, 98.052, 329.293



88, 100.560, 138.935

Rectangle

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



64, 98.052, 329.293



64, 98.052, 19.293



64, 98.052, 149.293



64, 98.052, 199.293

Sweetspot

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



64, 98.049, 329.293



87, 32.586, 326.839



44, 103.858, 302.551



45, 22.056, 326.996



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, 98.049, 329.293



61, 107.924, 329.768



60, 73.413, 355.390



50, 8.786, 326.174



45, 89.867, 330.099



12, 41.519, 329.865

Inverse Universe

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



64, 98.049, 329.293



61, 107.924, 329.768



90, 68.947, 156.726



50, 8.786, 326.174



45, 89.867, 330.099



12, 41.519, 329.865

Previews

White Background



This preview shows how the CIELCh color 64, 98.052, 329.293 looks on a white background.

Color Contrast Check

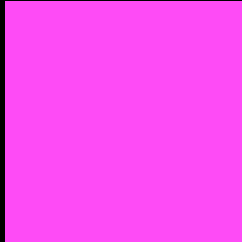
Large Text (above 18pt) WCAG AA × Fail

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, 98.052, 329.293 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, 98.052, 329.293

Background



This preview shows how black text looks on a background with the CIELCh color 64, 98.052, 329.293.



This preview shows how white text looks on a background with the CIELCh color 64, 98.052, 329.293.

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



Original Color

64, 98.052, 329.293

Protanopia

64, 57.624, 285.797

Deuteranopia

64, 45.164, 281.920



Tritanopia
64, 52.200, 21.004

Trichromacy



Original Color
64, 98.052, 329.293



Protanomaly
61, 72.572, 306.082



Deuteranomaly
61, 64.699, 307.550



Tritanomaly
63, 62.323, 353.104

Monochromacy



Original Color
64, 98.052, 329.293



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 41.710, 327.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 98.052, 329.293 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(254, 75, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 75, 246)  
}
```

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(254, 75, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 75, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 98.052, 329.293 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(254, 75, 246) }
```

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

```
.border{ border-color:rgb(254, 75, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 75, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 75, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 75, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 75,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 98.052, 329.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 75, 246) }
```

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

```
.background{ background-color: rgb(254, 75,  
246) }
```

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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