

Converting Colors

CIELCh(64, 97.116, 329.712)

Have a look what the booklet for
CIELCh(64, 97.116, 329.712)
contains.

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Color

CIELCh(64, 96.949, 329.679)

Conversions

Conversions Part 1

Format	Color
Hex	FE4CF4
RGB	254, 76, 244
RGB Percent	100%, 30%, 96%
CMY	0.0036, 0.7016, 0.0429
CMYK	0.00, 0.70, 0.04, 0.00
HSL	303°, 99%, 65%
HSV	303°, 70%, 100%
XYZ	59.8310, 32.8017, 88.8229
YIQ	148.3740, 52.1600, 89.9840

Conversions

Conversions Part 2

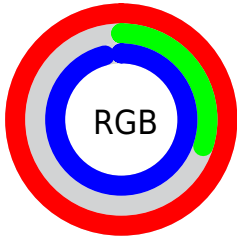
Format	Color
R_{YB}	254, 76, 244
Decimal	16665844
CIE _{Lab}	64.00, 83.69, -48.94
CIE _{LCh}	64, 96.949, 329.679
Yxy	32.8017, 0.3297, 0.1808
Android (android.graphics.Color)	4294855924 (0xFFFE4CF4)
YUV	148.3740, 47.1436, 92.6340
Hunter-Lab	57.2727, 86.2460, -51.8605

Details

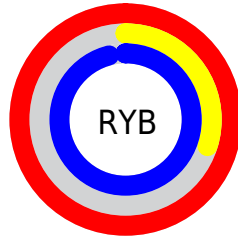
The CIELCh color **64, 96.949, 329.679** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **89, 99.513, 139.245**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.342, 326.858**, and **46, 91.456, 329.511** is the 20% darker color. If you saturate the color by 10%, you get **62, 104.240, 330.052**, and if you desaturate by 10%, it is **67, 86.908, 329.249**.

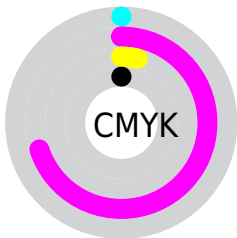
Distribution



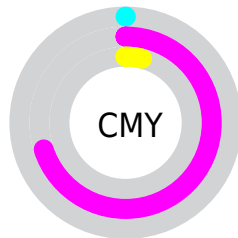
- Red (100%)
- Green (30%)
- Blue (96%)



- Red (100%)
- Yellow (30%)
- Blue (96%)



- Cyan (0%)
- Magenta (70%)
- Yellow (4%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 96.949, 329.679 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, 96.949, 329.679 by changing the saturation by 10% instead.

 64, 96.949,
329.679


 64, 96.949,
329.679


 100, 96.949,
329.679


 54, 96.949,
329.679


 84, 96.949,
329.679

 44, 96.949,
329.679

 94, 96.949,
329.679

 34, 96.949,
329.679

 24, 96.949,
329.679

 14, 96.949,
329.679

 4, 96.949, 329.679

 0, 96.949, 329.679

64, 96.949,
329.679

64, 96.949,
329.679

62, 104.240,
330.052

67, 86.908,
329.249

60, 108.527,
330.372

72, 74.666,
328.767

59, 110.185,
330.651

76, 60.851,
328.242

82, 46.059,
327.688

87, 30.777,
327.117

93, 15.369,
326.534

100, 0.088,
322.277

100, 0.320,

Harmonies

Complementary

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



64, 96.949, 329.679



89, 99.513, 139.245

Rectangle

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



64, 96.949, 329.679



64, 96.949, 19.679



64, 96.949, 149.679



64, 96.949, 199.679

Sweetspot

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



64, 96.946, 329.679



87, 32.332, 327.172



45, 103.167, 302.722



45, 21.885, 327.330



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, 96.946, 329.679



61, 106.593, 330.185



60, 72.725, 356.522



50, 8.717, 326.502



45, 89.059, 330.608



12, 41.190, 330.307

Inverse Universe

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



64, 96.946, 329.679



61, 106.593, 330.185



90, 67.564, 157.715



50, 8.717, 326.502



45, 89.059, 330.608



12, 41.190, 330.307

Previews

White Background



This preview shows how the CIELCh color 64, 96.949, 329.679 looks on a white background.

Color Contrast Check

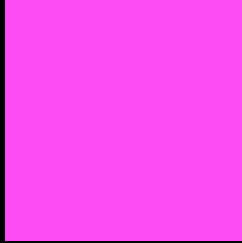
Large Text (above 18pt) WCAG AA × Fail

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, 96.949, 329.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

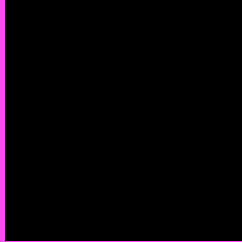
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 96.949, 329.679

Background



This preview shows how black text looks on a background with the CIELCh color 64, 96.949, 329.679.

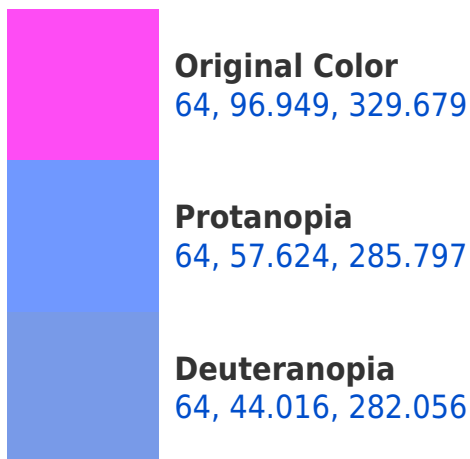


This preview shows how white text looks on a background with the CIELCh color 64, 96.949, 329.679.

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, 52.200, 21.004

Trichromacy



Original Color
64, 96.949, 329.679



Protanomaly
61, 72.048, 306.135



Deuteranomaly
61, 63.102, 308.071



Tritanomaly
63, 62.323, 353.104

Monochromacy



Original Color
64, 96.949, 329.679



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 41.280, 328.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 96.949, 329.679 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, 76, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 244)  
}
```

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, 76, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 96.949, 329.679 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, 76, 244) }
```

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

```
.border{ border-color:rgb(254, 76, 244) }
```

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

Here you see how a box with a 4 pixel rgb(254, 76, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 76, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 76, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 76,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 96.949, 329.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 244) }
```

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

```
.background{ background-color: rgb(254, 76,  
244) }
```

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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