

Converting Colors

CIELCh(60, 93.934, 328.379)

Have a look what the booklet for
CIELCh(60, 93.934, 328.379)
contains.

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Color

CIELCh(60, 94.084, 328.379)

Conversions

Conversions Part 1

Format	Color
Hex	EC46E9
RGB	236, 70, 233
RGB Percent	93%, 27%, 91%
CMY	0.0742, 0.7251, 0.0860
CMYK	0.00, 0.70, 0.01, 0.07
HSL	301°, 81%, 60%
HSV	301°, 70%, 93%
XYZ	51.5296, 28.1233, 79.8563
YIQ	138.2160, 46.6130, 85.8850

Conversions

Conversions Part 2

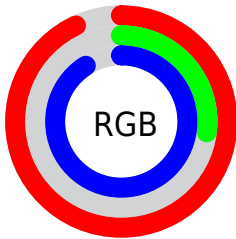
Format	Color
R _Y B	236, 70, 233
Decimal	15484649
CIE Lab	60.00, 80.12, -49.33
CIE LCh	60, 94.084, 328.379
Yxy	28.1233, 0.3231, 0.1763
Android (android.graphics.Color)	4293674729 (0xFFEC46E9)
YUV	138.2160, 46.7285, 85.7566
Hunter-Lab	53.0314, 80.6400, -52.1586

Details

The CIELCh color **60, 94.084, 328.379** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **83, 96.099, 138.398**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 75.226, 326.984**, and **42, 87.896, 328.010** is the 20% darker color. If you saturate the color by 10%, you get **58, 101.232, 328.655**, and if you desaturate by 10%, it is **63, 84.346, 328.024**.

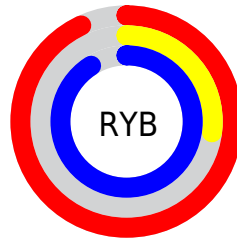
Distribution



Red (93%)

Green (27%)

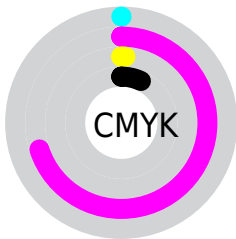
Blue (91%)



Red (93%)

Yellow (27%)

Blue (91%)

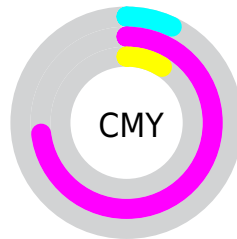


Cyan (0%)

Magenta (70%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (73%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 94.084, 328.379 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 60, 94.084, 328.379 by changing the saturation by 10% instead.


 60, 94.084,
328.379


 60, 94.084,
328.379


 100, 94.084,
328.379


 50, 94.084,
328.379


 80, 94.084,
328.379

 40, 94.084,
328.379

 90, 94.084,
328.379


 30, 94.084,
328.379

 20, 94.084,
328.379

 10, 94.084,
328.379

 0, 94.084, 328.379

 60, 94.084,

 60, 94.084,

328.379

328.379

■ 58, 101.232,
328.655

■ 63, 84.346,
328.024

■ 56, 105.567,
328.849

■ 67, 72.517,
327.598

■ 56, 107.460,
328.975

■ 71, 59.183,
327.115

■ 76, 44.903,
326.592

■ 82, 30.140,
326.043

■ 87, 15.246,
325.478

■ 93, 0.463, 324.302

■ 98, 11.613,
144.618

■ 98, 11.435,
145.239

Harmonies

Complementary

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



60, 94.084, 328.379



83, 96.099, 138.398

Rectangle

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



60, 94.084, 328.379



60, 94.084, 18.379



60, 94.084, 148.379



60, 94.084, 198.379

Sweetspot

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



60, 94.081, 328.379



87, 33.179, 326.087



41, 97.744, 302.231



45, 22.457, 326.240



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 94.081, 328.379



61, 109.533, 328.743



57, 69.592, 354.077



46, 8.355, 325.429



43, 88.110, 328.962



9, 37.809, 328.854

Inverse Universe

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



60, 94.081, 328.379



61, 109.533, 328.743



84, 65.965, 155.909



46, 8.355, 325.429



43, 88.110, 328.962



9, 37.809, 328.854

Previews

White Background



This preview shows how the CIELCh color 60, 94.084, 328.379 looks on a white background.

Color Contrast Check

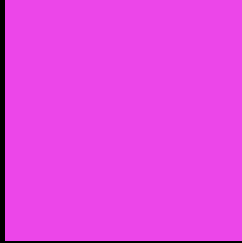
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 94.084, 328.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

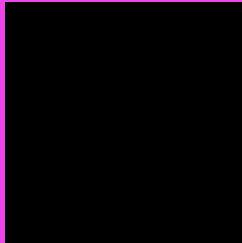
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 94.084, 328.379

Background



This preview shows how black text looks on a background with the CIELCh color 60, 94.084, 328.379.

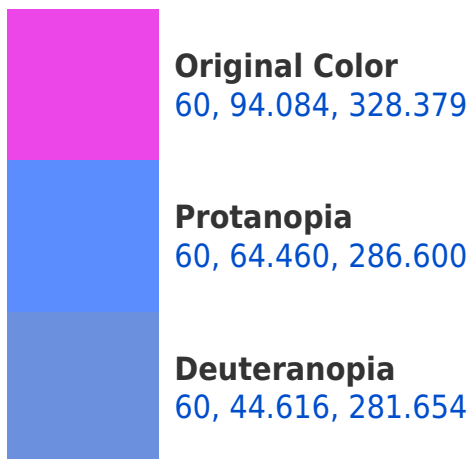


This preview shows how white text looks on a background with the CIELCh color 60, 94.084, 328.379.

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
60, 48.140, 20.322

Trichromacy



Original Color
60, 94.084, 328.379



Protanomaly
57, 75.234, 303.760



Deuteranomaly
57, 62.954, 306.627



Tritanomaly
59, 58.611, 351.657

Monochromacy



Original Color
60, 94.084, 328.379



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 40.467, 326.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 94.084, 328.379 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(236, 70, 233)` looks like.

```
.text, #text, p{  
    color:rgb(236, 70, 233)  
}
```

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(236, 70, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 70, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 94.084, 328.379 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(236, 70, 233) }
```

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

```
.border{ border-color:rgb(236, 70, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 70, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 70, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 70, 233);  
box-shadow:4px 4px 4px 4px rgb(236, 70,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 94.084, 328.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 70, 233) }
```

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

```
.background{ background-color: rgb(236, 70,  
233) }
```

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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