

Converting Colors

CIELCh(66, 77.694, 328.022)

Have a look what the booklet for
CIELCh(66, 77.694, 328.022)
contains.

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Color

CIELCh(66, 77.677, 328.169)

Conversions

Conversions Part 1

Format	Color
Hex	EF6DEB
RGB	239, 109, 235
RGB Percent	94%, 43%, 92%
CMY	0.0624, 0.5722, 0.0781
CMYK	0.00, 0.54, 0.02, 0.06
HSL	302°, 80%, 68%
HSV	302°, 54%, 94%
XYZ	56.1110, 35.3238, 82.5218
YIQ	162.2340, 37.0340, 66.7460

Conversions

Conversions Part 2

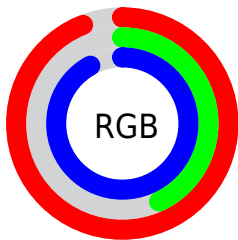
Format	Color
R _Y B	239, 109, 235
Decimal	15691243
CIE Lab	66.00, 65.99, -40.97
CIE LCh	66, 77.677, 328.169
Yxy	35.3238, 0.3226, 0.2031
Android (android.graphics.Color)	4293881323 (0xFFEF6DEB)
YUV	162.2340, 35.8736, 67.3238
Hunter-Lab	59.4338, 64.5112, -40.7184

Details

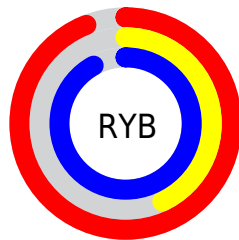
The CIELCh color $66, 77.677, 328.169$ is a light color, and the websafe version is hex `FF66FF`. A complement of this color would be $85, 78.366, 140.584$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 55.531, 326.337$, and $46, 77.796, 328.060$ is the 20% darker color. If you saturate the color by 10%, you get $62, 88.728, 328.588$, and if you desaturate by 10%, it is $70, 64.861, 327.693$.

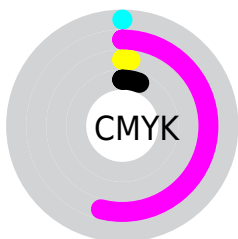
Distribution



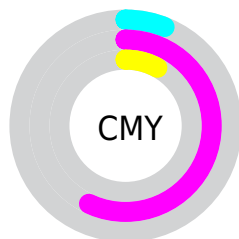
- Red (94%)
- Green (43%)
- Blue (92%)



- Red (94%)
- Yellow (43%)
- Blue (92%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (57%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 77.677, 328.169 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 66, 77.677, 328.169 by changing the saturation by 10% instead.


 66, 77.677,
328.169


 66, 77.677,
328.169


 100, 77.677,
328.169


 56, 77.677,
328.169


 86, 77.677,
328.169

 46, 77.677,
328.169

 96, 77.677,
328.169

 36, 77.677,
328.169

 26, 77.677,
328.169

 16, 77.677,
328.169

 6, 77.677, 328.169

 0, 77.677, 328.169

66, 77.677,
328.169

66, 77.677,
328.169

62, 88.728,
328.588

70, 64.861,
327.693

60, 97.447,
328.937

75, 50.877,
327.174

58, 103.415,
329.214

80, 36.235,
326.626

57, 106.551,
329.420

86, 21.333,
326.062

56, 107.401,
329.516

92, 6.456, 325.469

98, 8.204, 145.002

99, 9.420, 146.113

99, 9.119, 147.501

99, 8.824, 148.981

Harmonies

Complementary

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



66, 77.677, 328.169



85, 78.366, 140.584

Rectangle

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



66, 77.677, 328.169



66, 77.677, 18.169



66, 77.677, 148.169



66, 77.677, 198.169

Sweetspot

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



66, 77.674, 328.169



90, 25.036, 326.158



52, 74.793, 298.850



47, 16.913, 326.275



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 77.674, 328.169



66, 94.047, 328.620



64, 57.348, 350.837



47, 8.430, 325.780



43, 88.146, 329.494



10, 38.609, 329.313

Inverse Universe

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



66, 77.674, 328.169



66, 94.047, 328.620



86, 53.912, 158.555



47, 8.430, 325.780



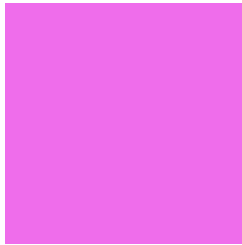
43, 88.146, 329.494



10, 38.609, 329.313

Previews

White Background



This preview shows how the CIELCh color 66, 77.677, 328.169 looks on a white background.

Color Contrast Check

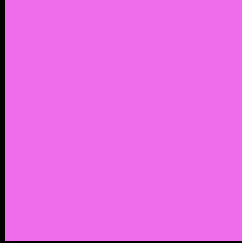
Large Text (above 18pt) WCAG AA × Fail

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 66, 77.677, 328.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

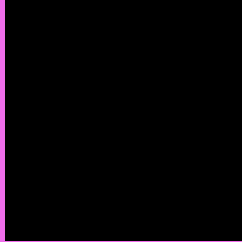
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 77.677, 328.169

Background



This preview shows how black text looks on a background with the CIELCh color 66, 77.677, 328.169.

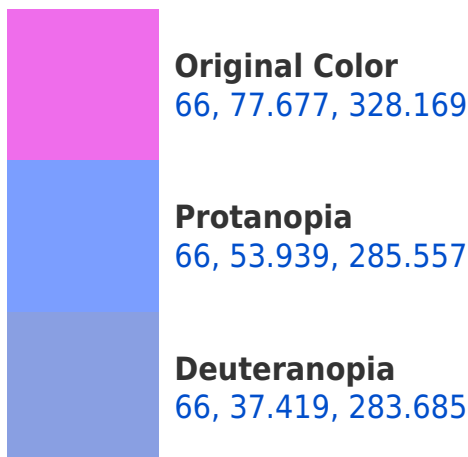


This preview shows how white text looks on a background with the CIELCh color 66, 77.677, 328.169.

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
66, 38.966, 16.544

Trichromacy



Original Color
66, 77.677, 328.169



Protanomaly
65, 60.618, 302.959



Deuteranomaly
65, 50.221, 306.970



Tritanomaly
66, 48.471, 349.690

Monochromacy



Original Color
66, 77.677, 328.169



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 30.710, 326.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 77.677, 328.169 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(239, 109, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 109, 235)  
}
```

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(239, 109, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 109, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 77.677, 328.169 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(239, 109, 235) }
```

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

```
.border{ border-color:rgb(239, 109, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 109, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 109, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 109, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 109,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 77.677, 328.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 109, 235) }
```

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

```
.background{ background-color: rgb(239,  
109, 235) }
```

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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