

Converting Colors

CIELCh(66, 81.087, 326.759)

Have a look what the booklet for
CIELCh(66, 81.087, 326.759)
contains.

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Color

CIELCh(66, 81.105, 326.834)

Conversions

Conversions Part 1

Format	Color
Hex	EF6BF1
RGB	239, 107, 241
RGB Percent	94%, 42%, 95%
CMY	0.0618, 0.5794, 0.0540
CMYK	0.01, 0.56, 0.00, 0.05
HSL	299°, 83%, 68%
HSV	299°, 56%, 95%
XYZ	56.8758, 35.3238, 87.2269
YIQ	161.7440, 35.6580, 69.6580

Conversions

Conversions Part 2

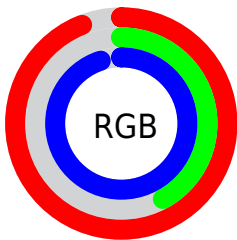
Format	Color
R _Y B	239, 107, 241
Decimal	15690737
CIE Lab	66.00, 67.89, -44.37
CIE LCh	66, 81.105, 326.834
Yxy	35.3238, 0.3170, 0.1969
Android (android.graphics.Color)	4293880817 (0xFFEF6BF1)
YUV	161.7440, 39.0732, 67.7535
Hunter-Lab	59.4338, 66.8082, -45.4121

Details

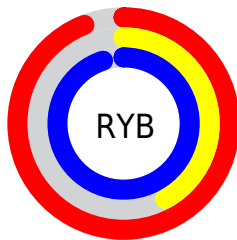
The CIELCh color **66, 81.105, 326.834** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **86, 81.659, 139.417**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.738, 326.377**, and **46, 80.928, 326.909** is the 20% darker color. If you saturate the color by 10%, you get **62, 92.274, 327.179**, and if you desaturate by 10%, it is **70, 68.093, 326.413**.

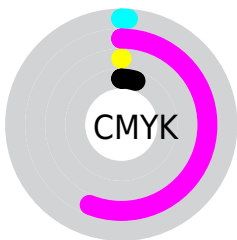
Distribution



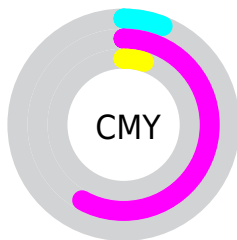
- Red (94%)
- Green (42%)
- Blue (95%)



- Red (94%)
- Yellow (42%)
- Blue (95%)



- Cyan (1%)
- Magenta (56%)
- Yellow (0%)
- Black (5%)





- Cyan (6%)
- Magenta (58%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 81.105, 326.834 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, 81.105, 326.834 by changing the saturation by 10% instead.


 66, 81.105,
326.834


 66, 81.105,
326.834


 100, 81.105,
326.834

 56, 81.105,
326.834


 86, 81.105,
326.834

 46, 81.105,
326.834

 96, 81.105,
326.834

 36, 81.105,
326.834

 26, 81.105,
326.834

 16, 81.105,
326.834

 6, 81.105, 326.834

 0, 81.105, 326.834

66, 81.105,
326.834

66, 81.105,
326.834

62, 92.274,
327.179

70, 68.093,
326.413

60, 101.035,
327.433

75, 53.846,
325.934

58, 106.992,
327.584

80, 38.888,
325.417

57, 110.108,
327.635

86, 23.635,
324.877

57, 110.884,
327.636

92, 8.386, 324.313

98, 6.655, 143.855

99, 8.450, 143.176

99, 8.380, 142.475

99, 8.310, 141.761

Harmonies

Complementary

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



66, 81.105, 326.834



86, 81.659, 139.417

Rectangle

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



66, 81.105, 326.834



66, 81.105, 16.834



66, 81.105, 146.834



66, 81.105, 196.834

Sweetspot

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



66, 81.102, 326.834



90, 27.049, 324.959



52, 75.777, 298.164



46, 18.102, 325.069



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, 81.102, 326.834



65, 97.931, 327.228



64, 59.823, 348.921



47, 8.568, 324.540



43, 90.353, 327.646



10, 39.439, 327.728

Inverse Universe

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



62, 57.288, 25.441



60, 73.730, 28.762



87, 56.968, 156.662



47, 4.991, 18.737



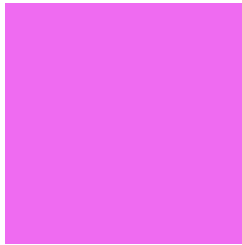
38, 81.022, 39.385



8, 29.755, 23.213

Previews

White Background



This preview shows how the CIELCh color 66, 81.105, 326.834 looks on a white background.

Color Contrast Check

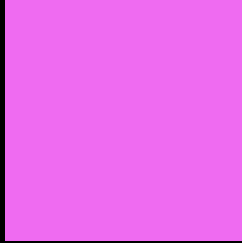
Large Text (above 18pt) WCAG AA × Fail

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, 81.105, 326.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

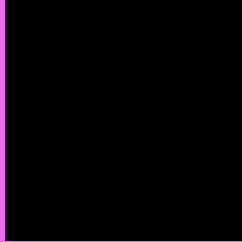
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 81.105, 326.834

Background



This preview shows how black text looks on a background with the CIELCh color 66, 81.105, 326.834.



This preview shows how white text looks on a background with the CIELCh color 66, 81.105, 326.834.

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
66, 81.105, 326.834

Protanopia
66, 53.939, 285.557

Deuteranopia
66, 40.834, 283.070



Tritanopia
66, 38.525, 15.611

Trichromacy



Original Color
66, 81.105, 326.834



Protanomaly
65, 61.684, 302.884



Deuteranomaly
64, 53.887, 305.579



Tritanomaly
65, 48.909, 347.674

Monochromacy



Original Color
66, 81.105, 326.834



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 32.257, 325.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 81.105, 326.834 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, 107, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 107, 241)  
}
```

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, 107, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 107, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 81.105, 326.834 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, 107, 241) }
```

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

```
.border{ border-color:rgb(239, 107, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 107, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 107, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 107, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 107,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 81.105, 326.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 107, 241) }
```

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

```
.background{ background-color: rgb(239,  
107, 241) }
```

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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