

Converting Colors

CIELCh(65, 86.525, 325.847)

Have a look what the booklet for
CIELCh(65, 86.525, 325.847)
contains.

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Color

CIELCh(65, 86.589, 325.948)

Conversions

Conversions Part 1

Format	Color
Hex	EF64F6
RGB	239, 100, 246
RGB Percent	94%, 39%, 96%
CMY	0.0634, 0.6085, 0.0359
CMYK	0.03, 0.59, 0.00, 0.04
HSL	297°, 89%, 68%
HSV	297°, 59%, 96%
XYZ	56.6894, 34.0472, 90.6390
YIQ	158.2050, 35.9780, 74.8740

Conversions

Conversions Part 2

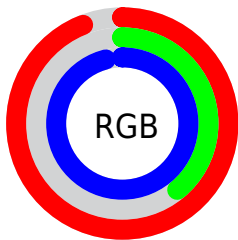
Format	Color
R _Y B	239, 100, 246
Decimal	15688950
CIE _{Lab}	65.00, 71.74, -48.49
CIE _{LCh}	65, 86.589, 325.948
Y _{xy}	34.0472, 0.3126, 0.1877
Android (android.graphics.Color)	4293879030 (0xFFEF64F6)
Y _{UV}	158.2050, 43.2829, 70.8572
Hunter-Lab	58.3500, 71.3076, -51.2543

Details

The CIELCh color $65, 86.589, 325.948$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $87, 87.035, 138.403$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 60.331, 326.496$, and $45, 86.459, 326.009$ is the 20% darker color. If you saturate the color by 10%, you get $62, 97.178, 326.218$, and if you desaturate by 10%, it is $69, 73.950, 325.584$.

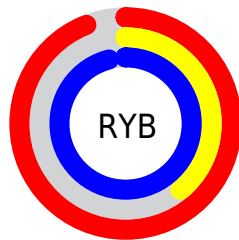
Distribution



Red (94%)

Green (39%)

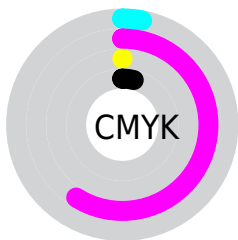
Blue (96%)



Red (94%)

Yellow (39%)

Blue (96%)

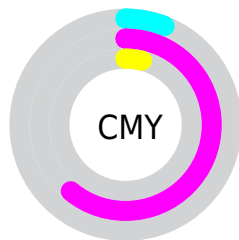


Cyan (3%)

Magenta (59%)

Yellow (0%)

Black (4%)



Cyan (6%)


Magenta (61%)

Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 86.589, 325.948 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 65, 86.589, 325.948 by changing the saturation by 10% instead.


 65, 86.589,
325.948


 65, 86.589,
325.948


 100, 86.589,
325.948


 55, 86.589,
325.948


 85, 86.589,
325.948

 45, 86.589,
325.948

 95, 86.589,
325.948

 35, 86.589,
325.948

 25, 86.589,
325.948

 15, 86.589,
325.948

 5, 86.589, 325.948

 0, 86.589, 325.948

65, 86.589,
325.948

65, 86.589,
325.948

62, 97.178,
326.218

69, 73.950,
325.584

59, 105.161,
326.375

74, 59.894,
325.149

57, 110.210,
326.407

79, 44.985,
324.666

56, 112.581,
326.324

85, 29.677,
324.153

56, 112.693,
326.317

91, 14.302,
323.623

97, 0.915, 143.440

99, 5.444, 140.552

99, 5.239, 136.715

Harmonies

Complementary

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



65, 86.589, 325.948



87, 87.035, 138.403

Rectangle

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



65, 86.589, 325.948



65, 86.589, 15.948



65, 86.589, 145.948



65, 86.589, 195.948

Sweetspot

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



65, 86.586, 325.948



89, 28.372, 324.083



52, 79.836, 297.861



46, 19.730, 324.235



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 86.586, 325.948



63, 101.555, 326.255



63, 65.357, 347.493



48, 8.629, 323.628



43, 91.456, 326.349



10, 40.646, 326.596

Inverse Universe

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



61, 61.876, 24.121



59, 77.076, 27.889



88, 63.099, 154.437



48, 5.084, 16.059



39, 80.499, 38.119



8, 30.725, 23.086

Previews

White Background



This preview shows how the CIELCh color 65, 86.589, 325.948 looks on a white background.

Color Contrast Check

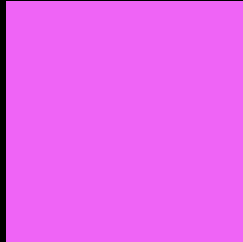
Large Text (above 18pt) WCAG AA × Fail

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 65, 86.589, 325.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

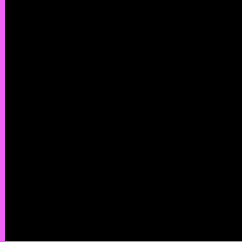
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 86.589, 325.948

Background



This preview shows how black text looks on a background with the CIELCh color 65, 86.589, 325.948.

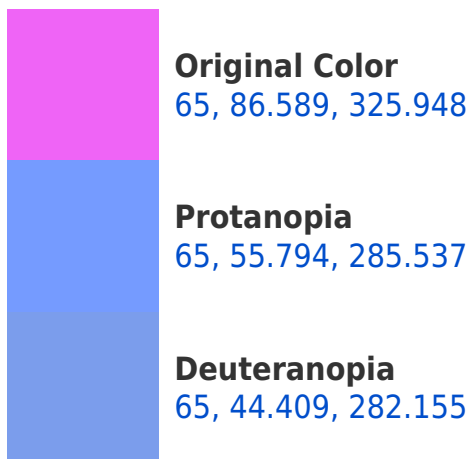


This preview shows how white text looks on a background with the CIELCh color 65, 86.589, 325.948.

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
65, 39.520, 16.766

Trichromacy



Original Color
65, 86.589, 325.948



Protanomaly
63, 65.760, 303.012



Deuteranomaly
63, 58.838, 304.367



Tritanomaly
64, 51.402, 347.217

Monochromacy



Original Color
65, 86.589, 325.948



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 34.574, 324.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 86.589, 325.948 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, 100, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 100, 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(239, 100, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 100, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 86.589, 325.948 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, 100, 246) }
```

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

```
.border{ border-color:rgb(239, 100, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 100, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 100, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 100, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 100,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 86.589, 325.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 100, 246) }
```

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

```
.background{ background-color: rgb(239,  
100, 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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