

Converting Colors

CIELCh(66, 89.620, 325.138)

Have a look what the booklet for
CIELCh(66, 89.620, 325.138)
contains.

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Color

CIELCh(66, 89.584, 325.026)

Conversions

Conversions Part 1

Format	Color
Hex	F265FE
RGB	242, 101, 254
RGB Percent	95%, 40%, 100%
CMY	0.0511, 0.6040, 0.0041
CMYK	0.05, 0.60, 0.00, 0.00
HSL	295°, 99%, 70%
HSV	295°, 60%, 100%
XYZ	59.1382, 35.3238, 97.4346
YIQ	160.6010, 34.9230, 77.4750

Conversions

Conversions Part 2

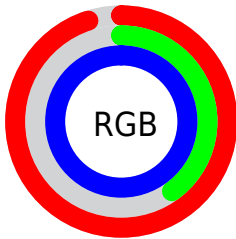
Format	Color
R _Y B	242, 101, 254
Decimal	15885822
CIE _{Lab}	66.00, 73.41, -51.35
CIE _{LCh}	66, 89.584, 325.026
Yxy	35.3238, 0.3082, 0.1841
Android (android.graphics.Color)	4294075902 (0xFFFF265FE)
YUV	160.6010, 46.0457, 71.3869
Hunter-Lab	59.4338, 73.6028, -55.5951

Details

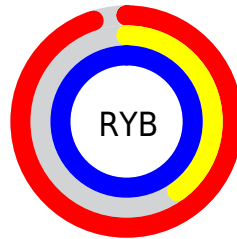
The CIELCh color $66, 89.584, 325.026$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 89.721, 137.746$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.735, 326.477$, and $46, 89.735, 324.849$ is the 20% darker color. If you saturate the color by 10%, you get $62, 100.365, 325.252$, and if you desaturate by 10%, it is $70, 76.693, 324.694$.

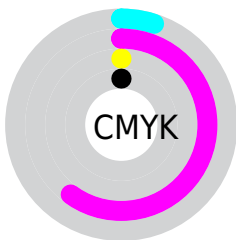
Distribution



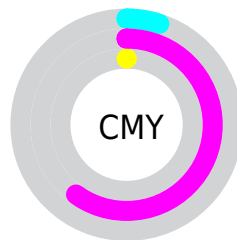
- Red (95%)
- Green (40%)
- Blue (100%)



- Red (95%)
- Yellow (40%)
- Blue (100%)



- Cyan (5%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 89.584, 325.026 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, 89.584, 325.026 by changing the saturation by 10% instead.

 66, 89.584,
325.026


 66, 89.584,
325.026

 100, 89.584,
325.026

 56, 89.584,
325.026


 86, 89.584,
325.026

 46, 89.584,
325.026

 96, 89.584,
325.026

 36, 89.584,
325.026

 26, 89.584,
325.026

 16, 89.584,
325.026

 6, 89.584, 325.026

 0, 89.584, 325.026

66, 89.584,
325.026

66, 89.584,
325.026

62, 100.365,
325.252

70, 76.693,
324.694

60, 108.446,
325.348

76, 62.353,
324.284

58, 113.480,
325.297

81, 47.151,
323.821

57, 115.776,
325.118

87, 31.549,
323.326

93, 15.884,
322.814

99, 0.384, 321.583

100, 0.515,
109.989

Harmonies

Complementary

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



66, 89.584, 325.026



90, 89.721, 137.746

Rectangle

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



66, 89.584, 325.026



66, 89.584, 15.026



66, 89.584, 145.026



66, 89.584, 195.026

Sweetspot

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



66, 89.581, 325.026



89, 28.124, 323.213



54, 80.149, 296.826



46, 19.562, 323.360



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, 89.581, 325.026



62, 102.324, 325.279



65, 69.090, 345.634



50, 8.841, 322.775



43, 93.530, 325.169



11, 42.995, 325.532

Inverse Universe

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



63, 63.839, 22.191



58, 77.018, 26.134



90, 67.490, 152.756



50, 5.273, 13.610



40, 80.966, 36.978



10, 32.753, 24.008

Previews

White Background



This preview shows how the CIELCh color 66, 89.584, 325.026 looks on a white background.

Color Contrast Check

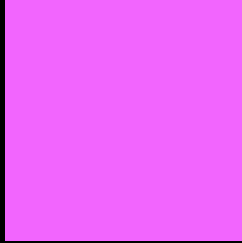
Large Text (above 18pt) WCAG AA × Fail

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, 89.584, 325.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

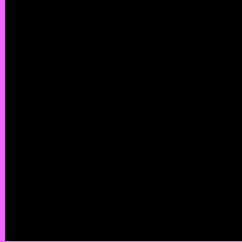
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 89.584, 325.026

Background



This preview shows how black text looks on a background with the CIELCh color 66, 89.584, 325.026.



This preview shows how white text looks on a background with the CIELCh color 66, 89.584, 325.026.

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, 89.584, 325.026

Protanopia

66, 53.971, 285.311

Deuteranopia

66, 47.124, 281.691



Tritanopia
66, 39.382, 15.911

Trichromacy



Original Color
66, 89.584, 325.026



Protanomaly
64, 66.211, 303.688



Deuteranomaly
64, 61.237, 303.215

Tritanomaly
65, 52.126, 345.604

Monochromacy



Original Color
66, 89.584, 325.026



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 36.043, 323.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 89.584, 325.026 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(242, 101, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 101, 254)  
}
```

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(242, 101, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 101, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 89.584, 325.026 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(242, 101, 254) }
```

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

```
.border{ border-color:rgb(242, 101, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 101, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 101, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 101, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 101,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 89.584, 325.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 101, 254) }
```

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

```
.background{ background-color: rgb(242,  
101, 254) }
```

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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