

Converting Colors

CIELCh(66, 86.416, 328.351)

Have a look what the booklet for
CIELCh(66, 86.416, 328.351)
contains.

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Color

CIELCh(66, 86.493, 328.294)

Conversions

Conversions Part 1

Format	Color
Hex	F763F3
RGB	247, 99, 243
RGB Percent	97%, 39%, 95%
CMY	0.0299, 0.6103, 0.0457
CMYK	0.00, 0.60, 0.02, 0.03
HSL	302°, 91%, 68%
HSV	302°, 60%, 97%
XYZ	59.2123, 35.3238, 88.7680
YIQ	159.6680, 41.9840, 76.1600

Conversions

Conversions Part 2

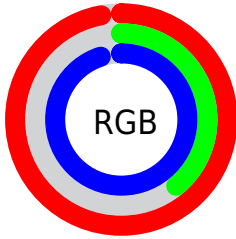
Format	Color
R _Y B	247, 99, 243
Decimal	16212979
CIE _{Lab}	66.00, 73.58, -45.46
CIE _{LCh}	66, 86.493, 328.294
Yxy	35.3238, 0.3230, 0.1927
Android (android.graphics.Color)	4294403059 (0xFFFF763F3)
YUV	159.6680, 41.0827, 76.5902
Hunter-Lab	59.4338, 73.8254, -46.9494

Details

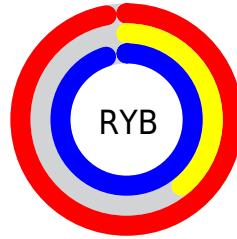
The CIELCh color $66, 86.493, 328.294$ is a light color, and the websafe version is hex `FF66FF`. A complement of this color would be $87, 87.602, 139.829$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 60.925, 326.516$, and $46, 86.346, 328.276$ is the 20% darker color. If you saturate the color by 10%, you get $63, 96.608, 328.669$, and if you desaturate by 10%, it is $70, 74.217, 327.853$.

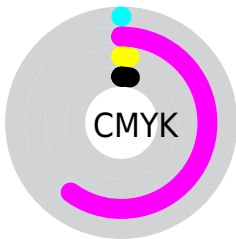
Distribution



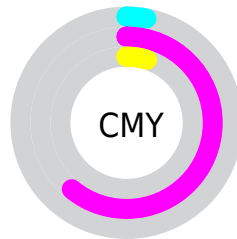
- Red (97%)
- Green (39%)
- Blue (95%)



- Red (97%)
- Yellow (39%)
- Blue (95%)



- Cyan (0%)
- Magenta (60%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (61%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 86.493, 328.294 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, 86.493, 328.294 by changing the saturation by 10% instead.

 66, 86.493,
328.294


 66, 86.493,
328.294

 100, 86.493,
328.294

 56, 86.493,
328.294


 86, 86.493,
328.294

 46, 86.493,
328.294

 96, 86.493,
328.294

 36, 86.493,
328.294

 26, 86.493,
328.294

 16, 86.493,
328.294

 6, 86.493, 328.294

 0, 86.493, 328.294

66, 86.493,
328.294

66, 86.493,
328.294

63, 96.608,
328.669

70, 74.217,
327.853

60, 104.050,
328.970

75, 60.405,
327.358

59, 108.560,
329.194

80, 45.633,
326.826

58, 110.495,
329.358

86, 30.380,
326.271

58, 110.519,
329.360

91, 15.005,
325.700

97, 0.245, 146.431

99, 4.450, 146.854

99, 4.181, 149.650

Harmonies

Complementary

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



66, 86.493, 328.294



87, 87.602, 139.829

Rectangle

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



66, 86.493, 328.294



66, 86.493, 18.294



66, 86.493, 148.294



66, 86.493, 198.294

Sweetspot

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



66, 86.490, 328.294



89, 28.252, 326.169



50, 85.424, 300.024



46, 19.642, 326.333



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, 86.490, 328.294



64, 100.855, 328.745



63, 63.971, 351.850



49, 8.746, 325.681



45, 90.217, 329.341



11, 40.928, 329.198

Inverse Universe

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



66, 86.490, 328.294



64, 100.855, 328.745



88, 60.139, 157.687



49, 8.746, 325.681



45, 90.217, 329.341



11, 40.928, 329.198

Previews

White Background



This preview shows how the CIELCh color 66, 86.493, 328.294 looks on a white background.

Color Contrast Check

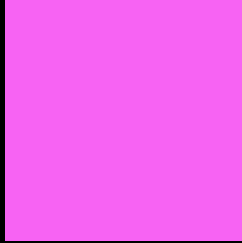
Large Text (above 18pt) WCAG AA × Fail

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, 86.493, 328.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

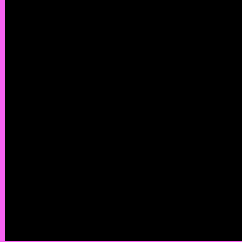
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 86.493, 328.294

Background



This preview shows how black text looks on a background with the CIELCh color 66, 86.493, 328.294.



This preview shows how white text looks on a background with the CIELCh color 66, 86.493, 328.294.

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, 43.641, 17.963

Trichromacy



Original Color
66, 86.493, 328.294



Protanomaly
64, 64.138, 304.373



Deuteranomaly
64, 56.912, 306.783



Tritanomaly
65, 53.647, 350.469

Monochromacy



Original Color
66, 86.493, 328.294



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 34.818, 326.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 86.493, 328.294 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(247, 99, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 243)  
}
```

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(247, 99, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 86.493, 328.294 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(247, 99, 243) }
```

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

```
.border{ border-color:rgb(247, 99, 243) }
```

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

Here you see how a box with a 4 pixel rgb(247, 99, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 99, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 99, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 99,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 86.493, 328.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 243) }
```

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

```
.background{ background-color: rgb(247, 99,  
243) }
```

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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