

Converting Colors

CIELCh(66, 96.180, 327.646)

Have a look what the booklet for
CIELCh(66, 96.180, 327.646)
contains.

CIELCh(66, 96.073, 327.652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 96.073, 327.652)

Conversions

Conversions Part 1

Format	Color
Hex	FE58FE
RGB	254, 88, 254
RGB Percent	100%, 35%, 100%
CMY	0.0028, 0.6537, 0.0029
CMYK	0.00, 0.65, 0.00, 0.00
HSL	300°, 99%, 67%
HSV	300°, 65%, 100%
XYZ	62.4214, 35.3238, 97.5178
YIQ	156.5580, 45.6500, 86.8180

Conversions

Conversions Part 2

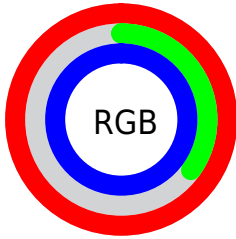
Format	Color
RYB	254, 88, 254
Decimal	16668926
CIELab	66.00, 81.16, -51.40
CIElCh	66, 96.073, 327.652
Yxy	35.3238, 0.3197, 0.1809
Android (android.graphics.Color)	4294859006 (0xFFFE58FE)
YUV	156.5580, 48.0389, 85.4566
Hunter-Lab	59.4338, 83.4636, -55.6782

Details

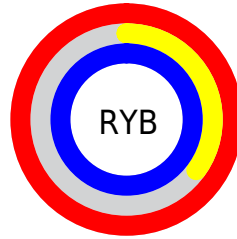
The CIELCh color **66, 96.073, 327.652** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 97.504, 138.549**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **46, 95.224, 327.629** is the 20% darker color. If you saturate the color by 10%, you get **63, 105.160, 327.931**, and if you desaturate by 10%, it is **70, 84.443, 327.287**.

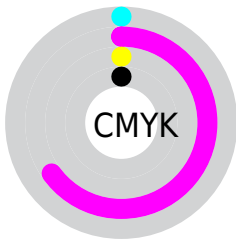
Distribution



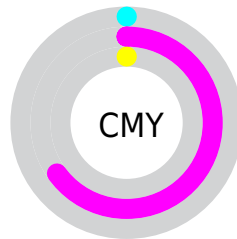
- Red (100%)
- Green (35%)
- Blue (100%)



- Red (100%)
- Yellow (35%)
- Blue (100%)



- Cyan (0%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 96.073, 327.652 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, 96.073, 327.652 by changing the saturation by 10% instead.


 66, 96.073,
327.652


 66, 96.073,
327.652


 100, 96.073,
327.652


 56, 96.073,
327.652


 86, 96.073,
327.652

 46, 96.073,
327.652

 96, 96.073,
327.652

 36, 96.073,
327.652

 26, 96.073,
327.652

 16, 96.073,
327.652

 6, 96.073, 327.652

 0, 96.073, 327.652

66, 96.073,
327.652

66, 96.073,
327.652

63, 105.160,
327.931

70, 84.443,
327.287

61, 111.317,
328.117

74, 70.869,
326.850

60, 114.521,
328.213

79, 55.976,
326.358

60, 115.312,
328.236

85, 40.320,
325.829

90, 24.342,
325.276

96, 8.364, 324.699

100, 0.434,
145.181

100, 0.433,
145.271

100, 0.432,
145.362

Harmonies

Complementary

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



66, 96.073, 327.652



89, 97.504, 138.549

Rectangle

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



66, 96.073, 327.652



66, 96.073, 17.652



66, 96.073, 147.652



66, 96.073, 197.652

Sweetspot

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



66, 96.070, 327.652



88, 31.981, 325.540



47, 96.090, 300.942



45, 21.822, 325.695



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, 96.070, 327.652



63, 107.374, 327.991



63, 70.537, 351.839



50, 9.056, 324.949



45, 93.076, 328.236



12, 42.820, 328.236

Inverse Universe

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



66, 96.070, 327.652



63, 107.374, 327.991



90, 67.063, 155.893



50, 9.056, 324.949



45, 93.076, 328.236



12, 42.820, 328.236

Previews

White Background



This preview shows how the CIELCh color 66, 96.073, 327.652 looks on a white background.

Color Contrast Check

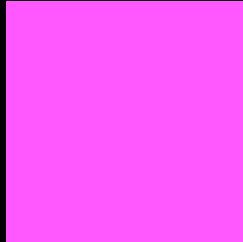
Large Text (above 18pt) WCAG AA × Fail

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, 96.073, 327.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

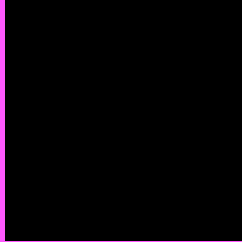
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 96.073, 327.652

Background



This preview shows how black text looks on a background with the CIELCh color 66, 96.073, 327.652.



This preview shows how white text looks on a background with the CIELCh color 66, 96.073, 327.652.

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, 96.073, 327.652

Protanopia

66, 54.004, 285.067

Deuteranopia

66, 46.600, 281.448



Tritanopia
66, 47.513, 19.056

Trichromacy



Original Color
66, 96.073, 327.652



Protanomaly
64, 68.733, 305.302



Deuteranomaly
64, 63.909, 305.539

Tritanomaly
65, 58.768, 350.008

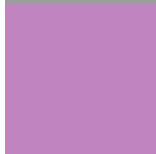
Monochromacy



Original Color
66, 96.073, 327.652



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 39.607, 326.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 96.073, 327.652 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(254, 88, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 88, 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(254, 88, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 88, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 96.073, 327.652 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(254, 88, 254) }
```

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

```
.border{ border-color:rgb(254, 88, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 88, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 88, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 88, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 88,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 96.073, 327.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 88, 254) }
```

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

```
.background{ background-color: rgb(254, 88,  
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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