

Converting Colors

CIELCh(60, 106.268, 328.047)

Have a look what the booklet for
CIELCh(60, 106.268, 328.047)
contains.

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Color

CIELCh(60, 106.452, 328.049)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F62EF6 |
| RGB | 246, 46, 246 |
| RGB Percent | 96%, 18%, 96% |
| CMY | 0.0361, 0.8209, 0.0361 |
| CMYK | 0.00, 0.81, 0.00, 0.04 |
| HSL | 300°, 92%, 57% |
| HSV | 300°, 81%, 96% |
| XYZ | 55.4982, 28.1233, 89.5278 |
| YIQ | 128.6000, 55.0000, 104.6000 |

Conversions

Conversions Part 2

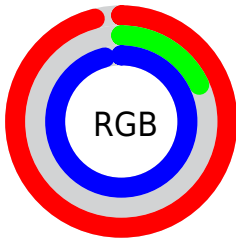
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 246, 46, 246 |
| Decimal | 16133878 |
| CIE Lab | 60.00, 90.32, -56.33 |
| CIE LCh | 60, 106.452, 328.049 |
| Yxy | 28.1233, 0.3205, 0.1624 |
| Android (android.graphics.Color) | 4294323958 (0xFFFF62EF6) |
| YUV | 128.6000, 57.8782, 102.9598 |
| Hunter-Lab | 53.0314, 93.9981, -62.9715 |

Details

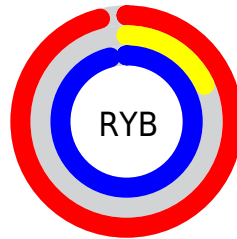
The CIELCh color **60, 106.452, 328.049** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **85, 109.379, 136.930**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 82.642, 327.221**, and **44, 92.352, 327.396** is the 20% darker color. If you saturate the color by 10%, you get **59, 110.693, 328.179**, and if you desaturate by 10%, it is **62, 99.292, 327.827**.

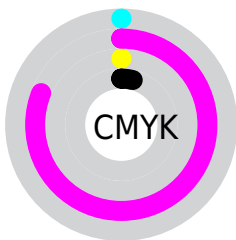
Distribution



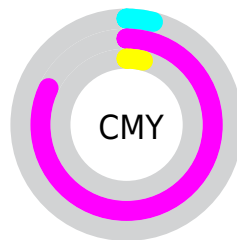
- Red (96%)
- Green (18%)
- Blue (96%)



- Red (96%)
- Yellow (18%)
- Blue (96%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (82%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 106.452, 328.049 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 60, 106.452, 328.049 by changing the saturation by 10% instead.


 60, 106.452,
328.049


 60, 106.452,
328.049


 100, 106.452,
328.049


 50, 106.452,
328.049


 80, 106.452,
328.049


 40, 106.452,
328.049

 90, 106.452,
328.049

 30, 106.452,
328.049

 20, 106.452,
328.049

 10, 106.452,
328.049

 0, 106.452,
328.049

60, 106.452,
328.049

60, 106.452,
328.049

59, 110.693,
328.179

62, 99.292,
327.827

58, 112.393,
328.231

65, 89.405,
327.513

69, 77.268,
327.118

74, 63.485,
326.658

79, 48.645,
326.151

84, 33.247,
325.612

90, 17.671,
325.054

96, 2.186, 324.381

Harmonies

Complementary

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



60, 106.452, 328.049



85, 109.379, 136.930

Rectangle

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



60, 106.452, 328.049



60, 106.452, 18.049



60, 106.452, 148.049



60, 106.452, 198.049

Sweetspot

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



60, 106.449, 328.049



85, 38.381, 325.756



37, 114.701, 303.890



44, 26.348, 325.949



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 106.449, 328.049



60, 115.235, 328.221



56, 78.869, 354.585



48, 8.758, 324.944



44, 91.228, 328.231



11, 40.561, 328.231

Inverse Universe

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



54, 88.091, 34.728



53, 103.550, 39.593



86, 78.254, 152.005



48, 5.080, 19.937



39, 82.549, 39.998



8, 31.024, 25.005

Previews

White Background



This preview shows how the CIE LCh color 60, 106.452, 328.049 looks on a white background.

Color Contrast Check

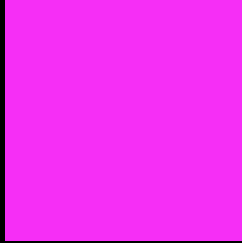
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 106.452, 328.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

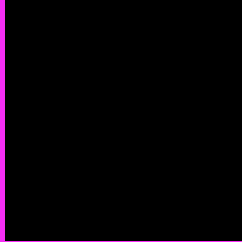
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 106.452, 328.049

Background



This preview shows how black text looks on a background with the CIELCh color 60, 106.452, 328.049.

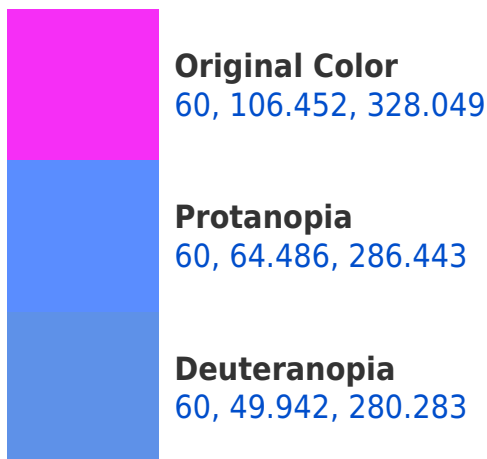


This preview shows how white text looks on a background with the CIELCh color 60, 106.452, 328.049.

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
60, 54.381, 22.521

Trichromacy



Original Color
60, 106.452, 328.049



Protanomaly
56, 83.304, 305.885



Deuteranomaly
56, 73.643, 306.358



Tritanomaly
58, 66.449, 351.779

Monochromacy



Original Color
60, 106.452, 328.049



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 48.702, 326.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 106.452, 328.049 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(246, 46, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 46, 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(246, 46, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 46, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 106.452, 328.049 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(246, 46, 246) }
```

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

```
.border{ border-color:rgb(246, 46, 246) }
```

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

Here you see how a box with a 4 pixel rgb(246, 46, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 46, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 46, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 46,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 106.452, 328.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 46, 246) }
```

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

```
.background{ background-color: rgb(246, 46,  
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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