

Converting Colors

CIELCh(61, 96.249, 329.477)

Have a look what the booklet for
CIELCh(61, 96.249, 329.477)
contains.

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Color

CIELCh(61, 96.275, 329.580)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F443EB |
| RGB | 244, 67, 235 |
| RGB Percent | 96%, 26%, 92% |
| CMY | 0.0431, 0.7372, 0.0784 |
| CMYK | 0.00, 0.73, 0.04, 0.04 |
| HSL | 303°, 89%, 61% |
| HSV | 303°, 73%, 96% |
| XYZ | 54.3144, 29.2481, 81.3848 |
| YIQ | 139.0750, 51.5640, 89.7720 |

Conversions

Conversions Part 2

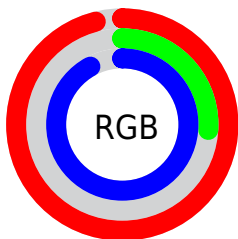
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 67, 235 |
| Decimal | 16008171 |
| CIE _{Lab} | 61.00, 83.02, -48.75 |
| CIE _{LCh} | 61, 96.275, 329.580 |
| Yxy | 29.2481, 0.3293, 0.1773 |
| Android (android.graphics.Color) | 4294198251 (0xFFFF443EB) |
| YUV | 139.0750, 47.2910, 92.0192 |
| Hunter-Lab | 54.0815, 84.6260, -51.3656 |

Details

The CIELCh color **61, 96.275, 329.580** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **85, 99.070, 138.832**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 75.772, 327.001**, and **43, 88.540, 329.341** is the 20% darker color. If you saturate the color by 10%, you get **59, 102.704, 329.924**, and if you desaturate by 10%, it is **64, 87.100, 329.176**.

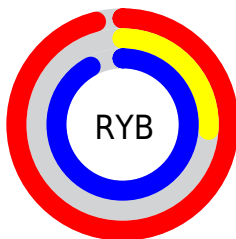
Distribution



Red (96%)

Green (26%)

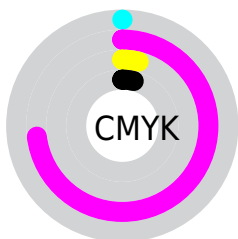
Blue (92%)



Red (96%)

Yellow (26%)

Blue (92%)

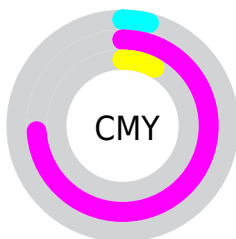


Cyan (0%)

Magenta (73%)

Yellow (4%)

Black (4%)



Cyan (4%)


Magenta (74%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 96.275, 329.580 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 61, 96.275, 329.580 by changing the saturation by 10% instead.


 61, 96.275,
329.580


 61, 96.275,
329.580


 100, 96.275,
329.580


 51, 96.275,
329.580


 81, 96.275,
329.580

 41, 96.275,
329.580

 91, 96.275,
329.580

 31, 96.275,
329.580

 21, 96.275,
329.580

 11, 96.275,
329.580

 1, 96.275, 329.580

 0, 96.275, 329.580

61, 96.275,
329.580

61, 96.275,
329.580

59, 102.704,
329.924

64, 87.100,
329.176

58, 106.231,
330.213

68, 75.659,
328.714

57, 107.330,
330.403

72, 62.551,
328.206

77, 48.366,
327.664

83, 33.603,
327.100

89, 18.641,
326.524

95, 3.750, 325.892

99, 6.441, 146.599

Harmonies

Complementary

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



61, 96.275, 329.580



85, 99.070, 138.832

Rectangle

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



61, 96.275, 329.580



61, 96.275, 19.580



61, 96.275, 149.580



61, 96.275, 199.580

Sweetspot

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



61, 96.272, 329.580



87, 33.998, 327.073



41, 103.429, 303.164



44, 22.841, 327.228



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 96.272, 329.580



61, 108.260, 330.065



57, 72.080, 357.151



48, 8.461, 326.346



44, 87.660, 330.365



11, 39.181, 330.069

Inverse Universe

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



61, 96.272, 329.580



61, 108.260, 330.065



86, 67.144, 157.281



48, 8.461, 326.346



44, 87.660, 330.365



11, 39.181, 330.069

Previews

White Background



This preview shows how the CIELCh color 61, 96.275, 329.580 looks on a white background.

Color Contrast Check

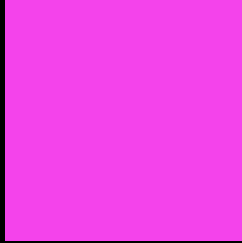
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 96.275, 329.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

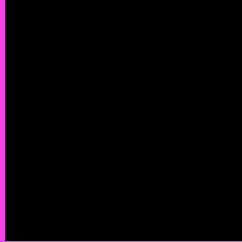
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 96.275, 329.580

Background



This preview shows how black text looks on a background with the CIELCh color 61, 96.275, 329.580.



This preview shows how white text looks on a background with the CIELCh color 61, 96.275, 329.580.

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

61, 96.275, 329.580

Protanopia

61, 62.609, 286.189

Deuteranopia

61, 43.364, 281.262



Tritanopia
61, 51.890, 21.227

Trichromacy



Original Color
61, 96.275, 329.580



Protanomaly
58, 75.182, 304.767



Deuteranomaly
58, 63.010, 307.716



Tritanomaly
60, 61.673, 353.444

Monochromacy



Original Color
61, 96.275, 329.580



Achromatopsia
58, 0.007, 296.813



Achromatomaly
56, 41.427, 327.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 96.275, 329.580 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(244, 67, 235)` looks like.

```
.text, #text, p{  
    color:rgb(244, 67, 235)  
}
```

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(244, 67, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 67, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 96.275, 329.580 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(244, 67, 235) }
```

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

```
.border{ border-color:rgb(244, 67, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 67, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 67, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 67, 235);  
box-shadow:4px 4px 4px 4px rgb(244, 67,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 96.275, 329.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 67, 235) }
```

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

```
.background{ background-color: rgb(244, 67,  
235) }
```

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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