

Converting Colors

CIELCh(65, 51.229, 0.540)

Have a look what the booklet for
CIELCh(65, 51.229, 0.540) contains.

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Color

CIELCh(65, 51.095, 0.295)

Conversions

Conversions Part 1

Format	Color
Hex	F0769F
RGB	240, 118, 159
RGB Percent	94%, 46%, 62%
CMY	0.0582, 0.5367, 0.3760
CMYK	0.00, 0.51, 0.34, 0.06
HSL	340°, 80%, 70%
HSV	340°, 51%, 94%
XYZ	48.7489, 34.0472, 36.8625
YIQ	159.1520, 59.5510, 38.6150

Conversions

Conversions Part 2

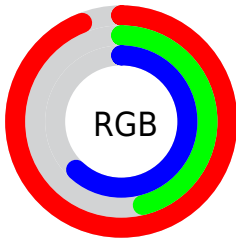
Format	Color
R _Y B	240, 118, 159
Decimal	15759007
CIE Lab	65.00, 51.09, 0.26
CIE LCh	65, 51.095, 0.295
Yxy	34.0472, 0.4074, 0.2845
Android (android.graphics.Color)	4293949087 (0xFFFF0769F)
YUV	159.1520, -0.0749, 70.9037
Hunter-Lab	58.3500, 47.0167, 3.3886

Details

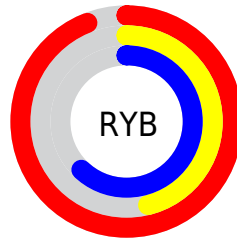
The CIELCh color $65, 51.095, 0.295$ is a light color, and the websafe version is hex `FF6699`. A complement of this color would be $87, 44.816, 167.892$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 36.742, 346.724$, and $45, 51.127, 0.276$ is the 20% darker color. If you saturate the color by 10%, you get $60, 60.375, 2.602$, and if you desaturate by 10%, it is $70, 41.088, 358.441$.

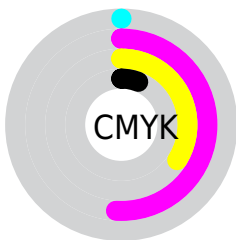
Distribution



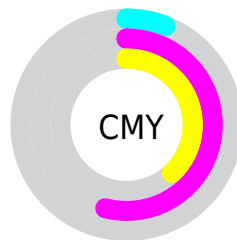
- Red (94%)
- Green (46%)
- Blue (62%)



- Red (94%)
- Yellow (46%)
- Blue (62%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 51.095, 0.295 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 65, 51.095, 0.295 by changing the saturation by 10% instead.

 65, 51.095, 0.295  65, 51.095, 0.295

 100, 51.095, 0.295  55, 51.095, 0.295

 85, 51.095, 0.295  45, 51.095, 0.295

 95, 51.095, 0.295  35, 51.095, 0.295

 25, 51.095, 0.295

 15, 51.095, 0.295

 5, 51.095, 0.295

 0, 51.095, 0.295

 65, 51.095, 0.295  65, 51.095, 0.295

 60, 60.375, 2.602  70, 41.088,

57, 68.444, 5.516

358.441

54, 74.889, 9.220

76, 30.792,
356.913

52, 79.593, 13.857

82, 20.520,
355.623

51, 82.865, 18.822

88, 10.475,
354.499

94, 0.771, 352.898

99, 5.116, 198.130

99, 5.112, 199.211

Harmonies

Complementary

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



65, 51.095, 0.295



87, 44.816, 167.892

Rectangle

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



65, 51.095, 0.295



65, 51.095, 50.295



65, 51.095, 180.295



65, 51.095, 230.295

Sweetspot

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



65, 51.092, 0.297



90, 15.384, 354.961



63, 71.400, 316.299



47, 10.534, 355.199



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 51.092, 0.297



64, 63.538, 2.704



68, 46.436, 35.796



47, 5.486, 354.357



39, 67.454, 17.770



8, 28.756, 8.019

Inverse Universe

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



65, 51.092, 0.297



64, 63.538, 2.704



83, 31.182, 215.778



47, 5.486, 354.357



39, 67.454, 17.770



8, 28.756, 8.019

Previews

White Background



This preview shows how the CIELCh color 65, 51.095, 0.295 looks on a white background.

Color Contrast Check

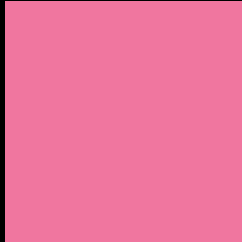
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 51.095, 0.295 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 65, 51.095, 0.295

Background



This preview shows how black text looks on a background with the CIELCh color 65, 51.095, 0.295.



This preview shows how white text looks on a background with the CIELCh color 65, 51.095, 0.295.

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

65, 51.095, 0.295

Protanopia

65, 14.469, 287.475

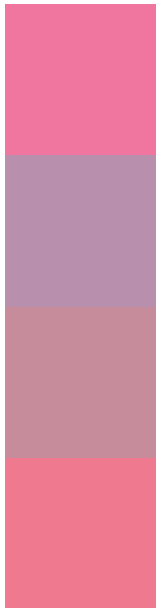
Deuteranopia

65, 8.651, 20.168



Tritanopia
65, 47.627, 19.138

Trichromacy



Original Color
65, 51.095, 0.295

Protanomaly
64, 23.357, 334.305

Deuteranomaly
64, 24.642, 2.500

Tritanomaly
65, 48.398, 11.826

Monochromacy



Original Color
65, 51.095, 0.295

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 19.385, 356.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 51.095, 0.295 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(240, 118, 159)` looks like.

```
.text, #text, p{  
    color:rgb(240, 118, 159)  
}
```

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(240, 118, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 118, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 51.095, 0.295 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(240, 118, 159) }
```

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

```
.border{ border-color:rgb(240, 118, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 118, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 118, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 118, 159);  
box-shadow:4px 4px 4px 4px rgb(240, 118,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 51.095, 0.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 118, 159) }
```

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

```
.background{ background-color: rgb(240,  
118, 159) }
```

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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