

Converting Colors

CIELCh(63, 89.929, 327.216)

Have a look what the booklet for
CIELCh(63, 89.929, 327.216)
contains.

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Color

CIELCh(63, 90.098, 327.171)

Conversions

Conversions Part 1

Format	Color
Hex	EF58F1
RGB	239, 88, 241
RGB Percent	94%, 35%, 95%
CMY	0.0637, 0.6558, 0.0558
CMYK	0.01, 0.64, 0.00, 0.06
HSL	299°, 84%, 64%
HSV	299°, 64%, 94%
XYZ	54.8297, 31.5869, 86.2485
YIQ	150.5910, 40.8830, 79.5950

Conversions

Conversions Part 2

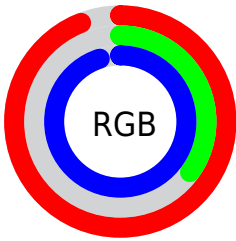
Format	Color
R _{YB}	239, 88, 241
Decimal	15685873
CIE _{Lab}	63.00, 75.71, -48.85
CIE _{LCh}	63, 90.098, 327.171
Yxy	31.5869, 0.3175, 0.1829
Android (android.graphics.Color)	4293875953 (0xFFEF58F1)
YUV	150.5910, 44.5716, 77.5347
Hunter-Lab	56.2022, 75.7868, -51.6455

Details

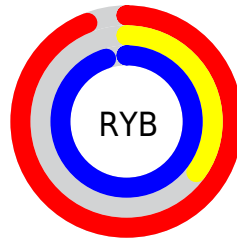
The CIELCh color **63, 90.098, 327.171** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **85, 91.181, 138.561**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.782, 326.709**, and **43, 90.009, 327.135** is the 20% darker color. If you saturate the color by 10%, you get **60, 99.357, 327.446**, and if you desaturate by 10%, it is **67, 78.530, 326.807**.

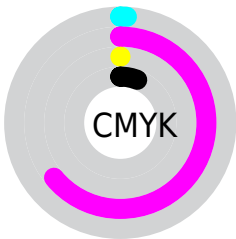
Distribution



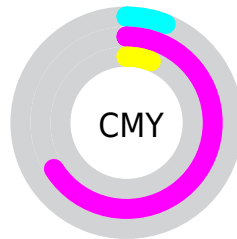
- Red (94%)
- Green (35%)
- Blue (95%)



- Red (94%)
- Yellow (35%)
- Blue (95%)



- Cyan (1%)
- Magenta (64%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (66%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 90.098, 327.171 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 63, 90.098, 327.171 by changing the saturation by 10% instead.


 63, 90.098,
327.171


 63, 90.098,
327.171


 100, 90.098,
327.171


 53, 90.098,
327.171


 83, 90.098,
327.171

 43, 90.098,
327.171

 93, 90.098,
327.171

 33, 90.098,
327.171

 23, 90.098,
327.171

 13, 90.098,
327.171

 3, 90.098, 327.171

 0, 90.098, 327.171

63, 90.098,
327.171

63, 90.098,
327.171

60, 99.357,
327.446

67, 78.530,
326.807

58, 105.875,
327.622

71, 65.249,
326.372

57, 109.529,
327.697

76, 50.841,
325.883

57, 110.713,
327.705

81, 35.814,
325.359

87, 20.558,
324.814

93, 5.354, 324.231

99, 8.804, 143.781

99, 8.741, 143.192

Harmonies

Complementary

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



63, 90.098, 327.171



85, 91.181, 138.561

Rectangle

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



63, 90.098, 327.171



63, 90.098, 17.171



63, 90.098, 147.171



63, 90.098, 197.171

Sweetspot

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



63, 90.095, 327.171



88, 30.262, 325.116



47, 87.730, 299.975



45, 20.835, 325.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 90.095, 327.171



63, 105.894, 327.504



60, 66.685, 350.338



47, 8.573, 324.586



43, 90.346, 327.714



10, 39.437, 327.786

Inverse Universe

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



58, 66.481, 27.741



57, 84.192, 32.010



86, 63.769, 155.380



47, 4.991, 18.875



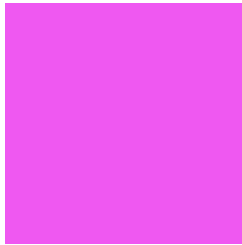
38, 81.099, 39.455



8, 29.765, 23.281

Previews

White Background



This preview shows how the CIELCh color 63, 90.098, 327.171 looks on a white background.

Color Contrast Check

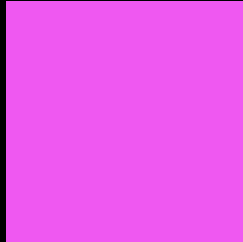
Large Text (above 18pt) WCAG AA × Fail

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 63, 90.098, 327.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

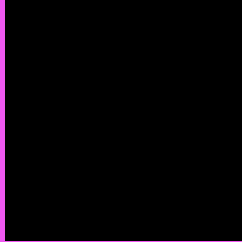
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 90.098, 327.171

Background



This preview shows how black text looks on a background with the CIELCh color 63, 90.098, 327.171.

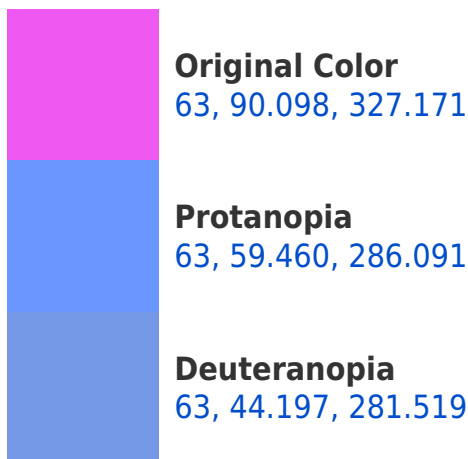


This preview shows how white text looks on a background with the CIELCh color 63, 90.098, 327.171.

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
63, 43.665, 18.157

Trichromacy



Original Color
63, 90.098, 327.171



Protanomaly
61, 69.540, 303.484



Deuteranomaly
61, 59.897, 305.297



Tritanomaly
62, 54.797, 349.500

Monochromacy



Original Color
63, 90.098, 327.171



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 37.137, 325.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 90.098, 327.171 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(239, 88, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 88, 241)  
}
```

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(239, 88, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 88, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 90.098, 327.171 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(239, 88, 241) }
```

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

```
.border{ border-color:rgb(239, 88, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 88, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 88, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 88, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 88,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 90.098, 327.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 88, 241) }
```

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

```
.background{ background-color: rgb(239, 88,  
241) }
```

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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