

Converting Colors

CIELCh(63, 66.223, 339.940)

Have a look what the booklet for
CIELCh(63, 66.223, 339.940)
contains.

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Color

CIELCh(63, 66.445, 340.098)

Conversions

Conversions Part 1

Format	Color
Hex	EE66C2
RGB	238, 102, 194
RGB Percent	93%, 40%, 76%
CMY	0.0665, 0.5999, 0.2391
CMYK	0.00, 0.57, 0.18, 0.07
HSL	319°, 80%, 67%
HSV	319°, 57%, 93%
XYZ	49.7650, 31.5869, 54.5295
YIQ	153.1520, 51.5240, 57.4440

Conversions

Conversions Part 2

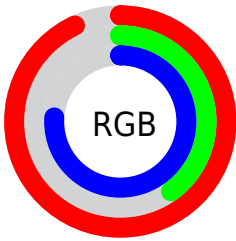
Format	Color
R _Y B	238, 102, 194
Decimal	15623874
CIE _{Lab}	63.00, 62.48, -22.62
CIE _{LCh}	63, 66.445, 340.098
Y _{xy}	31.5869, 0.3662, 0.2325
Android (android.graphics.Color)	4293813954 (0xFFEE66C2)
Y _{UV}	153.1520, 20.1381, 74.4117
Hunter-Lab	56.2022, 59.7011, -18.1838

Details

The CIELCh color $63, 66.445, 340.098$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $85, 66.104, 149.405$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 58.693, 327.683$, and $43, 66.480, 340.185$ is the 20% darker color. If you saturate the color by 10%, you get $59, 75.046, 341.285$, and if you desaturate by 10%, it is $68, 56.163, 339.058$.

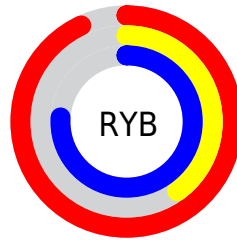
Distribution



Red (93%)

Green (40%)

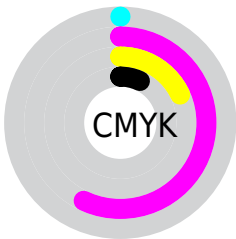
Blue (76%)



Red (93%)

Yellow (40%)

Blue (76%)

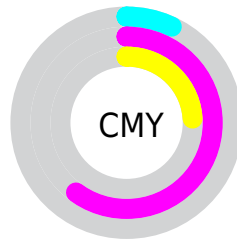


Cyan (0%)

Magenta (57%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (60%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 66.445, 340.098 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, 66.445, 340.098 by changing the saturation by 10% instead.


 63, 66.445,
340.098


 63, 66.445,
340.098


 100, 66.445,
340.098


 53, 66.445,
340.098


 83, 66.445,
340.098

 43, 66.445,
340.098

 93, 66.445,
340.098

 33, 66.445,
340.098

 23, 66.445,
340.098

 13, 66.445,
340.098

 3, 66.445, 340.098

 0, 66.445, 340.098

63, 66.445,
340.098

63, 66.445,
340.098

59, 75.046,
341.285

68, 56.163,
339.058

56, 81.389,
342.679

73, 44.801,
338.123

54, 85.057,
344.362

78, 32.849,
337.267

53, 86.053,
346.420

84, 20.680,
336.470

53, 86.088,
347.059

90, 8.548, 335.706

96, 3.385, 155.179

99, 6.952, 167.924

99, 5.829, 199.150

Harmonies

Complementary

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



63, 66.445, 340.098



85, 66.104, 149.405

Rectangle

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



63, 66.445, 340.098



63, 66.445, 30.098



63, 66.445, 160.098



63, 66.445, 210.098

Sweetspot

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



63, 66.442, 340.098



89, 21.696, 336.464



54, 78.380, 306.754



46, 14.527, 336.621



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, 66.442, 340.098



62, 80.698, 341.562



61, 56.068, 13.332



47, 6.860, 335.886



41, 71.088, 346.647



9, 31.930, 343.328

Inverse Universe

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



63, 66.442, 340.098



62, 80.698, 341.562



86, 42.996, 178.787



47, 6.860, 335.886



41, 71.088, 346.647



9, 31.930, 343.328

Previews

White Background



This preview shows how the CIELCh color 63, 66.445, 340.098 looks on a white background.

Color Contrast Check

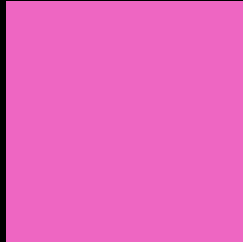
Large Text (above 18pt) WCAG AA × Fail

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, 66.445, 340.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

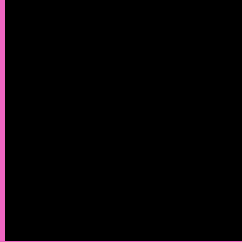
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 66.445, 340.098

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.445, 340.098.

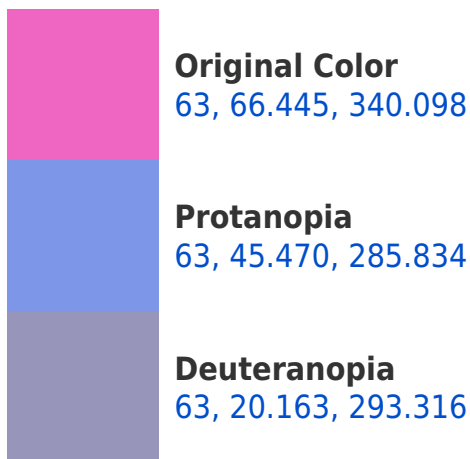


This preview shows how white text looks on a background with the CIELCh color 63, 66.445, 340.098.

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](#).

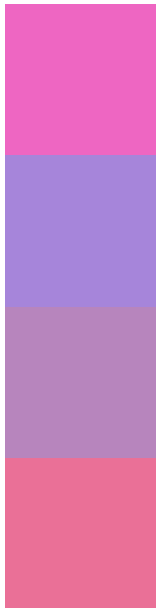
Dichromacy





Tritanopia
63, 47.188, 19.806

Trichromacy



Original Color
63, 66.445, 340.098

Protanomaly
62, 49.050, 307.428

Deuteranomaly
62, 36.087, 322.917

Tritanomaly
63, 51.082, 1.752

Monochromacy



Original Color
63, 66.445, 340.098

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 26.752, 337.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.445, 340.098 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(238, 102, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 102, 194)  
}
```

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(238, 102, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 102, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.445, 340.098 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(238, 102, 194) }
```

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

```
.border{ border-color:rgb(238, 102, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 102, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 102, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 102, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 102,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.445, 340.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 102, 194) }
```

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

```
.background{ background-color: rgb(238,  
102, 194) }
```

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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