

Converting Colors

CIELCh(66, 63.306, 336.052)

Have a look what the booklet for
CIELCh(66, 63.306, 336.052)
contains.

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Color

CIELCh(66, 63.162, 335.950)

Conversions

Conversions Part 1

Format	Color
Hex	EE75D0
RGB	238, 117, 208
RGB Percent	93%, 46%, 82%
CMY	0.0678, 0.5422, 0.1854
CMYK	0.00, 0.51, 0.13, 0.07
HSL	315°, 78%, 69%
HSV	315°, 51%, 93%
XYZ	52.8393, 35.3238, 63.5265
YIQ	163.5530, 42.9050, 53.9530

Conversions

Conversions Part 2

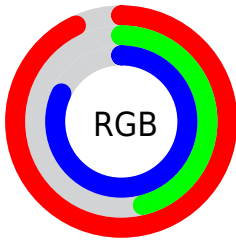
Format	Color
R _Y B	238, 117, 208
Decimal	15627728
CIE Lab	66.00, 57.68, -25.74
CIE LCh	66, 63.162, 335.950
Yxy	35.3238, 0.3483, 0.2329
Android (android.graphics.Color)	4293817808 (0xFFEE75D0)
YUV	163.5530, 21.9124, 65.2900
Hunter-Lab	59.4338, 54.6851, -21.7691

Details

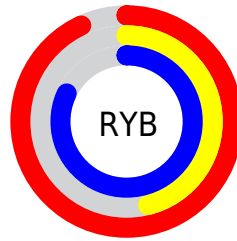
The CIELCh color **66, 63.162, 335.950** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **85, 63.112, 147.503**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 51.272, 326.194**, and **46, 63.283, 336.226** is the 20% darker color. If you saturate the color by 10%, you get **62, 73.293, 336.823**, and if you desaturate by 10%, it is **71, 51.653, 335.139**.

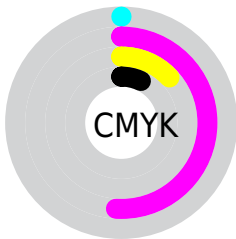
Distribution



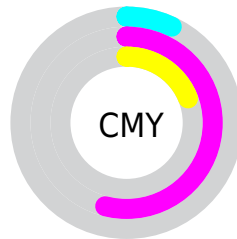
- Red (93%)
- Green (46%)
- Blue (82%)



- Red (93%)
- Yellow (46%)
- Blue (82%)



- Cyan (0%)
- Magenta (51%)
- Yellow (13%)
- Black (7%)





- Cyan (7%)
- Magenta (54%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 63.162, 335.950 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 66, 63.162, 335.950 by changing the saturation by 10% instead.


 66, 63.162,
335.950


 66, 63.162,
335.950


 100, 63.162,
335.950


 56, 63.162,
335.950


 86, 63.162,
335.950

 46, 63.162,
335.950

 96, 63.162,
335.950

 36, 63.162,
335.950

 26, 63.162,
335.950

 16, 63.162,
335.950

 6, 63.162, 335.950

 0, 63.162, 335.950

66, 63.162,
335.950

66, 63.162,
335.950

62, 73.293,
336.823

71, 51.653,
335.139

58, 81.448,
337.783

76, 39.323,
334.374

56, 87.084,
338.872

82, 26.602,
333.646

54, 89.913,
340.141

87, 13.801,
332.945

53, 90.396,
341.480

93, 1.129, 331.992

98, 8.633, 154.270

99, 6.785, 172.101

99, 5.944, 198.404

99, 5.941, 199.141

Harmonies

Complementary

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



66, 63.162, 335.950



85, 63.112, 147.503

Rectangle

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



66, 63.162, 335.950



66, 63.162, 25.950



66, 63.162, 155.950



66, 63.162, 205.950

Sweetspot

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



66, 63.159, 335.950



90, 20.171, 333.235



57, 69.212, 303.823



47, 13.776, 333.383



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 63.159, 335.950



66, 77.624, 336.854



64, 50.007, 5.434



47, 7.241, 332.847



41, 74.699, 341.207



9, 33.424, 338.979

Inverse Universe

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



66, 63.159, 335.950



66, 77.624, 336.854



87, 41.977, 172.827



47, 7.241, 332.847



41, 74.699, 341.207



9, 33.424, 338.979

Previews

White Background



This preview shows how the CIELCh color 66, 63.162, 335.950 looks on a white background.

Color Contrast Check

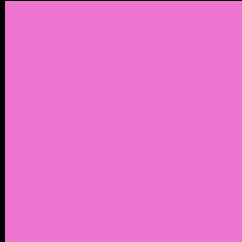
Large Text (above 18pt) WCAG AA × Fail

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 66, 63.162, 335.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

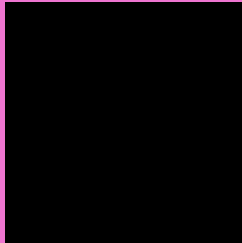
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 63.162, 335.950

Background



This preview shows how black text looks on a background with the CIELCh color 66, 63.162, 335.950.

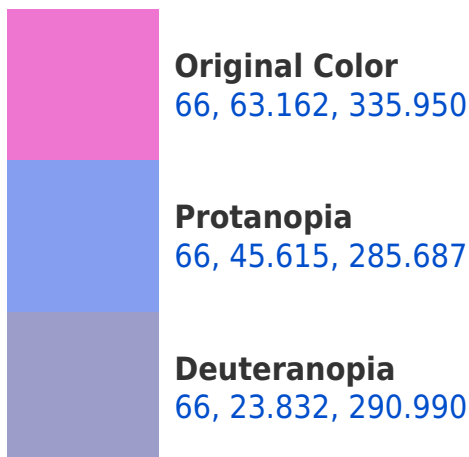


This preview shows how white text looks on a background with the CIELCh color 66, 63.162, 335.950.

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
66, 40.641, 17.063

Trichromacy



Original Color
66, 63.162, 335.950



Protanomaly
65, 48.274, 305.413



Deuteranomaly
65, 36.622, 317.521



Tritanomaly
66, 45.588, 357.318

Monochromacy



Original Color
66, 63.162, 335.950



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 24.554, 333.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 63.162, 335.950 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, 117, 208)` looks like.

```
.text, #text, p{  
    color:rgb(238, 117, 208)  
}
```

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, 117, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 117, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 63.162, 335.950 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, 117, 208) }
```

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

```
.border{ border-color:rgb(238, 117, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 117, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 117, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 117, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 117,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 63.162, 335.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 117, 208) }
```

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

```
.background{ background-color: rgb(238,  
117, 208) }
```

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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