

Converting Colors

CIELCh(66, 47.036, 358.499)

Have a look what the booklet for
CIELCh(66, 47.036, 358.499)
contains.

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Color

CIELCh(66, 46.945, 358.448)

Conversions

Conversions Part 1

Format	Color
Hex	EC7DA4
RGB	236, 125, 164
RGB Percent	93%, 49%, 64%
CMY	0.0732, 0.5086, 0.3557
CMYK	0.00, 0.47, 0.30, 0.07
HSL	339°, 75%, 71%
HSV	339°, 47%, 93%
XYZ	48.8014, 35.3238, 39.5087
YIQ	162.6350, 53.6370, 35.6610

Conversions

Conversions Part 2

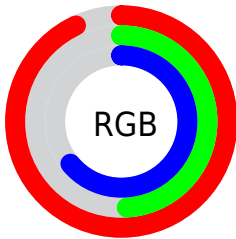
Format	Color
RYB	236, 125, 164
Decimal	15498660
CIELab	66.00, 46.93, -1.27
CIELCh	66, 46.945, 358.448
Yxy	35.3238, 0.3947, 0.2857
Android (android.graphics.Color)	4293688740 (0xFFEC7DA4)
YUV	162.6350, 0.6729, 64.3411
Hunter-Lab	59.4338, 42.5581, 2.1906

Details

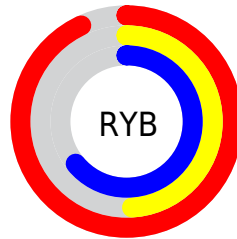
The CIELCh color $66, 46.945, 358.448$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $86, 41.877, 167.416$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.994, 345.285$, and $46, 46.711, 358.629$ is the 20% darker color. If you saturate the color by 10%, you get $61, 56.413, 0.519$, and if you desaturate by 10%, it is $71, 36.902, 356.765$.

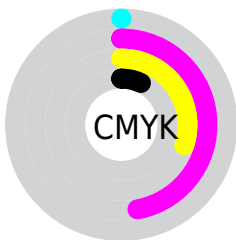
Distribution



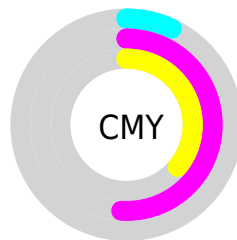
- Red (93%)
- Green (49%)
- Blue (64%)



- Red (93%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (47%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 46.945, 358.448 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, 46.945, 358.448 by changing the saturation by 10% instead.

 66, 46.945,
358.448

 66, 46.945,
358.448

 100, 46.945,
358.448


 56, 46.945,
358.448


 86, 46.945,
358.448

 46, 46.945,
358.448

 96, 46.945,
358.448

 36, 46.945,
358.448

 26, 46.945,
358.448

 16, 46.945,
358.448

 6, 46.945, 358.448

 0, 46.945, 358.448

66, 46.945,
358.448

66, 46.945,
358.448

61, 56.413, 0.519

71, 36.902,
356.765

57, 64.835, 3.115

77, 26.682,
355.361

54, 71.738, 6.411

52, 76.857, 10.583

83, 16.554,
354.159

50, 80.371, 15.700

89, 6.687, 353.081

50, 81.359, 17.320

95, 2.829, 172.435

99, 6.403, 199.103

Harmonies

Complementary

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



66, 46.945, 358.448



86, 41.877, 167.416

Rectangle

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



66, 46.945, 358.448



66, 46.945, 48.448



66, 46.945, 178.448



66, 46.945, 228.448

Sweetspot

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



66, 46.942, 358.450



91, 14.448, 353.836



64, 65.142, 315.633



47, 10.011, 354.074



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, 46.942, 358.450



66, 59.035, 0.348



68, 42.240, 34.089



46, 5.435, 353.345



38, 66.382, 16.272



7, 27.834, 6.211

Inverse Universe

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



66, 46.942, 358.450



66, 59.035, 0.348



83, 29.387, 213.170



46, 5.435, 353.345



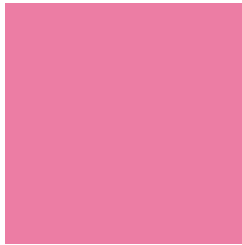
38, 66.382, 16.272



7, 27.834, 6.211

Previews

White Background



This preview shows how the CIELCh color 66, 46.945, 358.448 looks on a white background.

Color Contrast Check

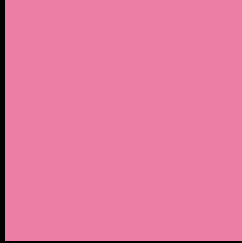
Large Text (above 18pt) WCAG AA × Fail

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 66, 46.945, 358.448 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, 46.945, 358.448

Background



This preview shows how black text looks on a background with the CIELCh color 66, 46.945, 358.448.

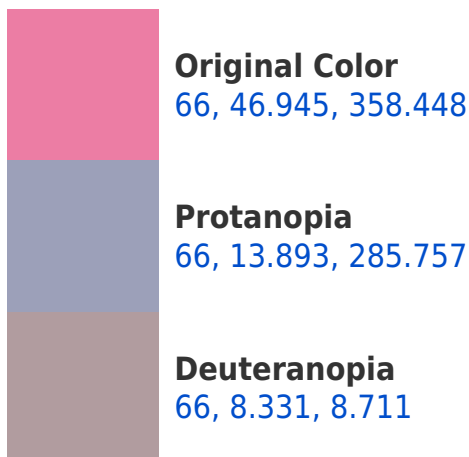


This preview shows how white text looks on a background with the CIELCh color 66, 46.945, 358.448.

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, 42.776, 17.706

Trichromacy



Original Color
66, 46.945, 358.448



Protanomaly
65, 21.896, 332.189



Deuteranomaly
66, 22.794, 359.131



Tritanomaly
66, 43.842, 10.309

Monochromacy



Original Color
66, 46.945, 358.448



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 17.655, 355.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 46.945, 358.448 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(236, 125, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 125, 164)  
}
```

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(236, 125, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 125, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 46.945, 358.448 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(236, 125, 164) }
```

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

```
.border{ border-color:rgb(236, 125, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 125, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 125, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 125, 164);  
box-shadow:4px 4px 4px 4px rgb(236, 125,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 46.945, 358.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 125, 164) }
```

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

```
.background{ background-color: rgb(236,  
125, 164) }
```

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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