

Converting Colors

CIELCh(65, 46.418, 359.722)

Have a look what the booklet for
CIELCh(65, 46.418, 359.722)
contains.

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Color

CIELCh(65, 46.409, 359.541)

Conversions

Conversions Part 1

Format	Color
Hex	E97BA0
RGB	233, 123, 160
RGB Percent	91%, 48%, 63%
CMY	0.0861, 0.5175, 0.3724
CMYK	0.00, 0.47, 0.31, 0.09
HSL	340°, 71%, 70%
HSV	340°, 47%, 91%
XYZ	47.0563, 34.0472, 37.3684
YIQ	160.1080, 53.6830, 34.8270

Conversions

Conversions Part 2

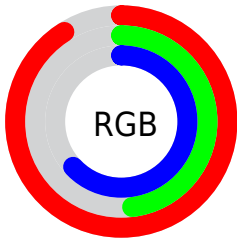
Format	Color
R _Y B	233, 123, 160
Decimal	15301536
CIE Lab	65.00, 46.41, -0.37
CIE LCh	65, 46.409, 359.541
Yxy	34.0472, 0.3972, 0.2874
Android (android.graphics.Color)	4293491616 (0xFFE97BA0)
YUV	160.1080, -0.0532, 63.9263
Hunter-Lab	58.3500, 41.8388, 2.8745

Details

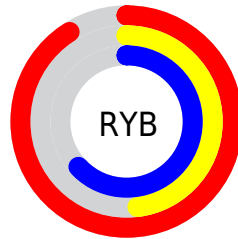
The CIELCh color **65, 46.409, 359.541** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **85, 41.063, 168.378**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 34.093, 347.627**, and **45, 46.300, 359.146** is the 20% darker color. If you saturate the color by 10%, you get **60, 55.779, 1.661**, and if you desaturate by 10%, it is **70, 36.494, 357.823**.

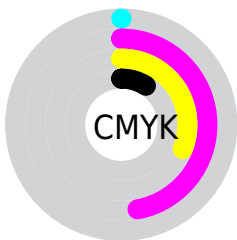
Distribution



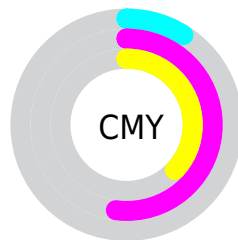
- Red (91%)
- Green (48%)
- Blue (63%)



- Red (91%)
- Yellow (48%)
- Blue (63%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (52%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 46.409, 359.541 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, 46.409, 359.541 by changing the saturation by 10% instead.


 65, 46.409,
359.541


 65, 46.409,
359.541


 100, 46.409,
359.541


 55, 46.409,
359.541


 85, 46.409,
359.541

 45, 46.409,
359.541

 95, 46.409,
359.541

 35, 46.409,
359.541

 25, 46.409,
359.541

 15, 46.409,
359.541

 5, 46.409, 359.541

 0, 46.409, 359.541

65, 46.409,
359.541

65, 46.409,
359.541

60, 55.779, 1.661

70, 36.494,
357.823

56, 64.148, 4.323

76, 26.425,
356.394

53, 71.059, 7.704

51, 76.267, 11.973

82, 16.461,
355.176

50, 79.969, 17.174

88, 6.768, 354.088

49, 80.958, 18.684

94, 2.570, 173.453

98, 7.633, 190.711

98, 7.506, 199.019

Harmonies

Complementary

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



65, 46.409, 359.541



85, 41.063, 168.378

Rectangle

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



65, 46.409, 359.541



65, 46.409, 49.541



65, 46.409, 179.541



65, 46.409, 229.541

Sweetspot

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



65, 46.406, 359.543



91, 14.335, 354.826



63, 64.839, 316.162



47, 9.934, 355.067



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, 46.406, 359.543



66, 59.787, 1.680



68, 41.506, 35.458



46, 5.391, 354.331



38, 66.731, 17.675



7, 27.815, 7.166

Inverse Universe

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



65, 46.406, 359.543



66, 59.787, 1.680



82, 28.851, 215.458



46, 5.391, 354.331



38, 66.731, 17.675



7, 27.815, 7.166

Previews

White Background



This preview shows how the CIELCh color 65, 46.409, 359.541 looks on a white background.

Color Contrast Check

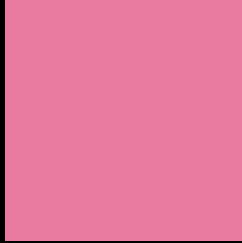
Large Text (above 18pt) WCAG AA × Fail

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, 46.409, 359.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

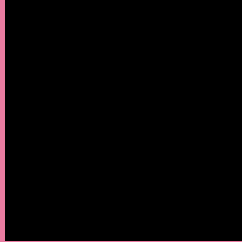
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 46.409, 359.541

Background



This preview shows how black text looks on a background with the CIELCh color 65, 46.409, 359.541.

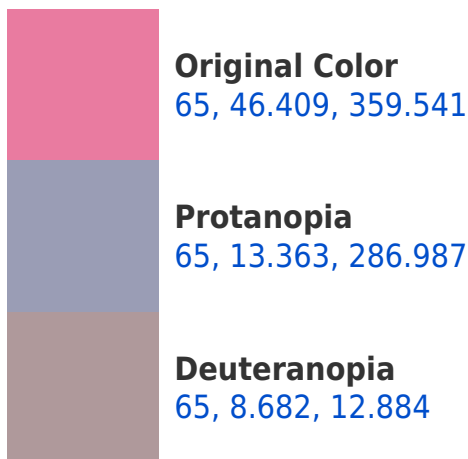


This preview shows how white text looks on a background with the CIELCh color 65, 46.409, 359.541.

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
65, 42.876, 17.089

Trichromacy



Original Color
65, 46.409, 359.541



Protanomaly
64, 21.147, 334.215



Deuteranomaly
65, 22.715, 0.501

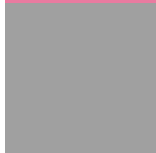


Tritanomaly
65, 43.532, 10.918

Monochromacy



Original Color
65, 46.409, 359.541



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 17.135, 356.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 46.409, 359.541 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(233, 123, 160)` looks like.

```
.text, #text, p{  
    color:rgb(233, 123, 160)  
}
```

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(233, 123, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 123, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 46.409, 359.541 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(233, 123, 160) }
```

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

```
.border{ border-color:rgb(233, 123, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 123, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 123, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 123, 160);  
box-shadow:4px 4px 4px 4px rgb(233, 123,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 46.409, 359.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 123, 160) }
```

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

```
.background{ background-color: rgb(233,  
123, 160) }
```

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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