

Converting Colors

CIELCh(64, 58.545, 341.835)

Have a look what the booklet for
CIELCh(64, 58.545, 341.835)
contains.

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Color

CIELCh(64, 58.407, 341.968)

Conversions

Conversions Part 1

Format	Color
Hex	EA71BD
RGB	234, 113, 189
RGB Percent	92%, 44%, 74%
CMY	0.0840, 0.5584, 0.2604
CMYK	0.00, 0.52, 0.19, 0.08
HSL	322°, 74%, 68%
HSV	322°, 52%, 92%
XYZ	48.7977, 32.8017, 51.6814
YIQ	157.8430, 47.7200, 49.2880

Conversions

Conversions Part 2

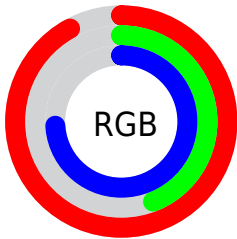
Format	Color
RYB	234, 113, 189
Decimal	15364541
CIELab	64.00, 55.54, -18.08
CIELCh	64, 58.407, 341.968
Yxy	32.8017, 0.3661, 0.2461
Android (android.graphics.Color)	4293554621 (0xFFEA71BD)
YUV	157.8430, 15.3604, 66.7897
Hunter-Lab	57.2727, 51.8589, -13.4108

Details

The CIELCh color $64, 58.407, 341.968$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $84, 57.318, 152.124$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 49.660, 329.787$, and $44, 58.464, 341.950$ is the 20% darker color. If you saturate the color by 10%, you get $60, 67.628, 343.229$, and if you desaturate by 10%, it is $69, 47.909, 340.873$.

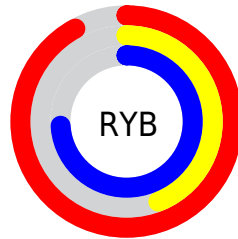
Distribution



Red (92%)

Green (44%)

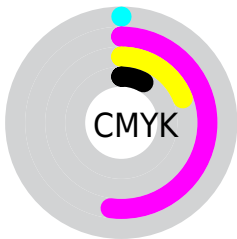
Blue (74%)



Red (92%)

Yellow (44%)

Blue (74%)

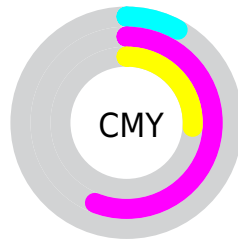


Cyan (0%)

Magenta (52%)

Yellow (19%)

Black (8%)



Cyan (8%)

Magenta (56%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 58.407, 341.968 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 64, 58.407, 341.968 by changing the saturation by 10% instead.

 64, 58.407,
341.968

 64, 58.407,
341.968

 100, 58.407,
341.968

 54, 58.407,
341.968

 84, 58.407,
341.968

 44, 58.407,
341.968

 94, 58.407,
341.968

 34, 58.407,
341.968

 24, 58.407,
341.968

 14, 58.407,
341.968

 4, 58.407, 341.968

 0, 58.407, 341.968

64, 58.407,
341.968

64, 58.407,
341.968

60, 67.628,
343.229

69, 47.909,
340.873

56, 74.992,
344.719

74, 36.671,
339.897

54, 79.974,
346.531

80, 25.101,
339.010

52, 82.325,
348.777

85, 13.492,
338.188

51, 82.654,
350.972

91, 2.030, 337.270

98, 9.170, 156.819

98, 7.976, 177.966

98, 7.328, 199.032

Harmonies

Complementary

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



64, 58.407, 341.968



84, 57.318, 152.124

Rectangle

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



64, 58.407, 341.968



64, 58.407, 31.968



64, 58.407, 161.968



64, 58.407, 211.968

Sweetspot

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



64, 58.404, 341.969



90, 19.731, 338.535



57, 69.755, 307.725



46, 13.339, 338.705



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 58.404, 341.969



65, 72.725, 343.298



62, 50.115, 15.770



46, 6.513, 338.002



40, 68.509, 350.464



8, 30.245, 346.155

Inverse Universe

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



64, 58.404, 341.969



65, 72.725, 343.298



86, 37.921, 183.878



46, 6.513, 338.002



40, 68.509, 350.464



8, 30.245, 346.155

Previews

White Background



This preview shows how the CIELCh color 64, 58.407, 341.968 looks on a white background.

Color Contrast Check

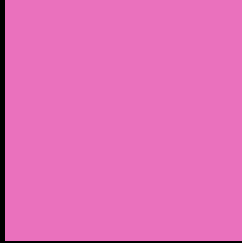
Large Text (above 18pt) WCAG AA × Fail

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 64, 58.407, 341.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

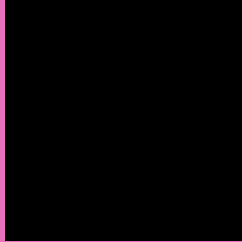
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 58.407, 341.968

Background



This preview shows how black text looks on a background with the CIELCh color 64, 58.407, 341.968.



This preview shows how white text looks on a background with the CIELCh color 64, 58.407, 341.968.

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



Original Color
64, 58.407, 341.968

Protanopia
64, 36.396, 285.675

Deuteranopia
64, 16.926, 299.217



Tritanopia
64, 42.632, 17.775

Trichromacy



Original Color
64, 58.407, 341.968



Protanomaly
63, 40.352, 309.993



Deuteranomaly
63, 30.860, 326.393

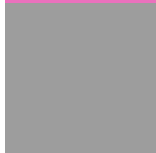


Tritanomaly
64, 46.161, 1.625

Monochromacy



Original Color
64, 58.407, 341.968



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 22.464, 339.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 58.407, 341.968 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(234, 113, 189)` looks like.

```
.text, #text, p{  
    color:rgb(234, 113, 189)  
}
```

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(234, 113, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 113, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 58.407, 341.968 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(234, 113, 189) }
```

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

```
.border{ border-color:rgb(234, 113, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 113, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 113, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 113, 189);  
box-shadow:4px 4px 4px 4px rgb(234, 113,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 58.407, 341.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 113, 189) }
```

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

```
.background{ background-color: rgb(234,  
113, 189) }
```

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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