

Converting Colors

CIELCh(66, 38.317, 5.939)

Have a look what the booklet for
CIELCh(66, 38.317, 5.939) contains.

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Color

CIELCh(66, 38.403, 5.698)

Conversions

Conversions Part 1

Format	Color
Hex	E2859B
RGB	226, 133, 155
RGB Percent	89%, 52%, 61%
CMY	0.1136, 0.4783, 0.3920
CMYK	0.00, 0.41, 0.31, 0.11
HSL	346°, 62%, 70%
HSV	346°, 41%, 89%
XYZ	45.6837, 35.3238, 35.4330
YIQ	163.3150, 48.3660, 26.5580

Conversions

Conversions Part 2

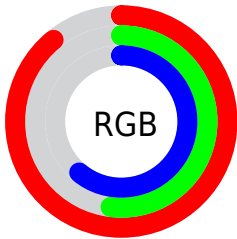
Format	Color
R _Y B	226, 133, 155
Decimal	14845339
CIE Lab	66.00, 38.21, 3.81
CIE LCh	66, 38.403, 5.698
Yxy	35.3238, 0.3923, 0.3034
Android (android.graphics.Color)	4293035419 (0xFFE2859B)
YUV	163.3150, -4.0993, 54.9747
Hunter-Lab	59.4338, 33.1944, 6.2564

Details

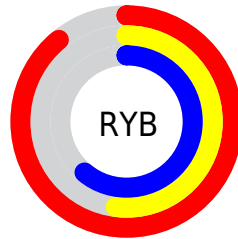
The CIELCh color **66, 38.403, 5.698** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 32.833, 176.368**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.160, 357.866**, and **46, 38.360, 5.545** is the 20% darker color. If you saturate the color by 10%, you get **61, 48.070, 7.735**, and if you desaturate by 10%, it is **71, 28.647, 4.055**.

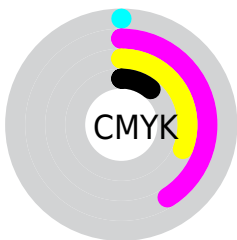
Distribution



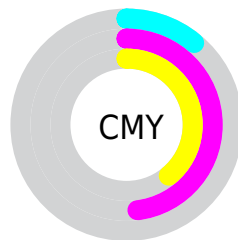
- Red (89%)
- Green (52%)
- Blue (61%)



- Red (89%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 38.403, 5.698 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, 38.403, 5.698 by changing the saturation by 10% instead.

 66, 38.403, 5.698

 66, 38.403, 5.698

 100, 38.403, 5.698

 56, 38.403, 5.698

 86, 38.403, 5.698

 46, 38.403, 5.698

 96, 38.403, 5.698

 36, 38.403, 5.698

 26, 38.403, 5.698

 16, 38.403, 5.698

 6, 38.403, 5.698

 0, 38.403, 5.698

 66, 38.403, 5.698

 66, 38.403, 5.698

 61, 48.070, 7.735

 71, 28.647, 4.055

■ 57, 57.299, 10.293

■ 77, 19.069, 2.693

■ 53, 65.680, 13.537

■ 83, 9.822, 1.530

■ 50, 72.882, 17.617

■ 89, 0.987, 0.060

■ 48, 78.828, 22.576

■ 95, 7.407, 179.842

■ 48, 83.405, 27.393

■ 98, 9.833, 198.852

Harmonies

Complementary

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



66, 38.403, 5.698



84, 32.833, 176.368

Rectangle

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



66, 38.403, 5.698



66, 38.403, 55.698



66, 38.403, 185.698



66, 38.403, 235.698

Sweetspot

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



66, 38.400, 5.701



92, 11.689, 1.633



66, 56.068, 319.057



48, 7.778, 1.779



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, 38.400, 5.701



69, 50.756, 7.331



71, 32.460, 44.273



44, 4.955, 1.344



37, 68.630, 26.368



6, 25.288, 10.868

Inverse Universe

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



66, 38.400, 5.701



69, 50.756, 7.331



78, 24.396, 229.039



44, 4.955, 1.344



37, 68.630, 26.368



6, 25.288, 10.868

Previews

White Background



This preview shows how the CIELCh color 66, 38.403, 5.698 looks on a white background.

Color Contrast Check

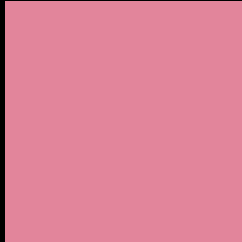
Large Text (above 18pt) WCAG AA × Fail

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, 38.403, 5.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

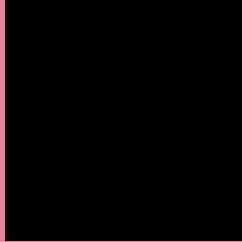
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 38.403, 5.698

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.403, 5.698.

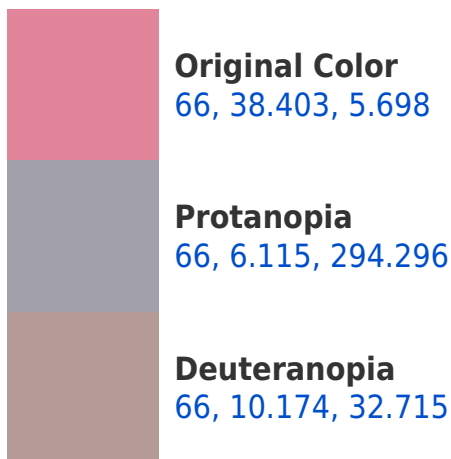


This preview shows how white text looks on a background with the CIELCh color 66, 38.403, 5.698.

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, 36.813, 14.992

Trichromacy



Original Color
66, 38.403, 5.698

Protanomaly
66, 15.818, 349.423

Deuteranomaly
66, 20.133, 13.605

Tritanomaly
66, 37.256, 10.980

Monochromacy



Original Color
66, 38.403, 5.698

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 13.968, 2.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.403, 5.698 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(226, 133, 155)` looks like.

```
.text, #text, p{  
    color:rgb(226, 133, 155)  
}
```

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(226, 133, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 133, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.403, 5.698 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(226, 133, 155) }
```

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

```
.border{ border-color:rgb(226, 133, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 133, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 133, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 133, 155); box-shadow:4px 4px 4px 4px rgb(226, 133, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.403, 5.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 133, 155) }
```

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

```
.background{ background-color: rgb(226,  
133, 155) }
```

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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