

Converting Colors

CIELCh(66, 55.914, 339.127)

Have a look what the booklet for
CIELCh(66, 55.914, 339.127)
contains.

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Color

CIELCh(66, 55.718, 339.139)

Conversions

Conversions Part 1

Format	Color
Hex	E97AC5
RGB	233, 122, 197
RGB Percent	91%, 48%, 77%
CMY	0.0858, 0.5211, 0.2270
CMYK	0.00, 0.48, 0.15, 0.09
HSL	319°, 72%, 70%
HSV	319°, 48%, 91%
XYZ	50.7044, 35.3238, 57.0337
YIQ	163.7390, 42.0810, 46.8570

Conversions

Conversions Part 2

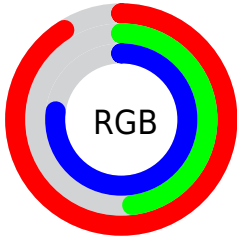
Format	Color
R _Y B	233, 122, 197
Decimal	15301317
CIE _{Lab}	66.00, 52.07, -19.84
CIE _{LCh}	66, 55.718, 339.139
Yxy	35.3238, 0.3544, 0.2469
Android (android.graphics.Color)	4293491397 (0xFFE97AC5)
YUV	163.7390, 16.3977, 60.7419
Hunter-Lab	59.4338, 48.2732, -15.2920

Details

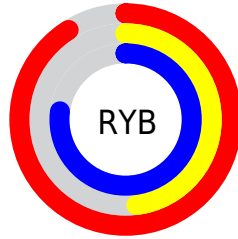
The CIELCh color **66, 55.718, 339.139** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **84, 55.034, 150.768**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 48.400, 326.466**, and **46, 55.706, 339.177** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.759, 340.186**, and if you desaturate by 10%, it is **71, 44.583, 338.200**.

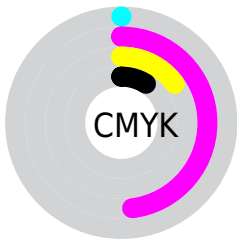
Distribution



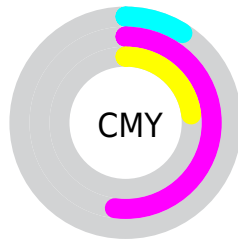
- Red (91%)
- Green (48%)
- Blue (77%)



- Red (91%)
- Yellow (48%)
- Blue (77%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (52%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 55.718, 339.139 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, 55.718, 339.139 by changing the saturation by 10% instead.


 66, 55.718,
339.139


 66, 55.718,
339.139


 100, 55.718,
339.139


 56, 55.718,
339.139


 86, 55.718,
339.139

 46, 55.718,
339.139


 96, 55.718,
339.139

 36, 55.718,
339.139

 26, 55.718,
339.139

 16, 55.718,
339.139

 6, 55.718, 339.139

 0, 55.718, 339.139

66, 55.718,
339.139

66, 55.718,
339.139

62, 65.759,
340.186

71, 44.583,
338.200

58, 74.135,
341.382

76, 32.855,
337.340

55, 80.270,
342.788

82, 20.900,
336.541

53, 83.770,
344.488

88, 8.973, 335.778

94, 2.764, 155.270

52, 84.679,
346.563

98, 10.024,
159.324

52, 84.720,
347.093

98, 8.000, 180.531

98, 7.483, 199.020

Harmonies

Complementary

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



66, 55.718, 339.139



84, 55.034, 150.768

Rectangle

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



66, 55.718, 339.139



66, 55.718, 29.139



66, 55.718, 159.139



66, 55.718, 209.139

Sweetspot

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



66, 55.715, 339.140



91, 17.823, 336.268



59, 63.630, 305.901



47, 12.322, 336.434



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, 55.715, 339.140



67, 70.039, 340.149



64, 45.656, 11.016



46, 6.736, 335.919



40, 70.333, 346.685



8, 31.037, 343.191

Inverse Universe

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



66, 55.715, 339.140



67, 70.039, 340.149



86, 36.682, 179.913



46, 6.736, 335.919



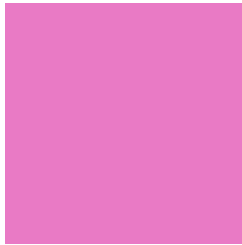
40, 70.333, 346.685



8, 31.037, 343.191

Previews

White Background



This preview shows how the CIELCh color 66, 55.718, 339.139 looks on a white background.

Color Contrast Check

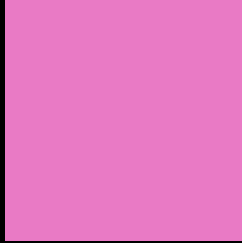
Large Text (above 18pt) WCAG AA × Fail

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, 55.718, 339.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

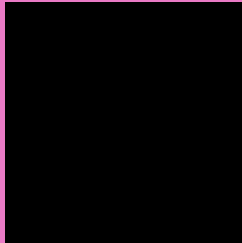
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 55.718, 339.139

Background



This preview shows how black text looks on a background with the CIELCh color 66, 55.718, 339.139.

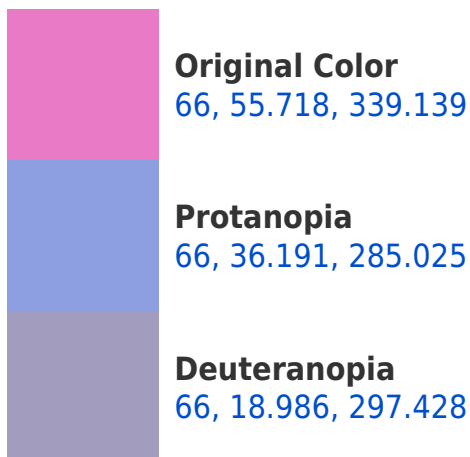


This preview shows how white text looks on a background with the CIELCh color 66, 55.718, 339.139.

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, 38.525, 15.611

Trichromacy



Original Color
66, 55.718, 339.139



Protanomaly
65, 39.102, 307.707



Deuteranomaly
65, 31.492, 322.871

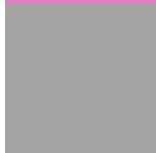


Tritanomaly
66, 42.391, 358.628

Monochromacy



Original Color
66, 55.718, 339.139



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 21.195, 336.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 55.718, 339.139 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, 122, 197)` looks like.

```
.text, #text, p{  
    color:rgb(233, 122, 197)  
}
```

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, 122, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 122, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 55.718, 339.139 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, 122, 197) }
```

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

```
.border{ border-color:rgb(233, 122, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 122, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 122, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 122, 197);  
box-shadow:4px 4px 4px 4px rgb(233, 122,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 55.718, 339.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 122, 197) }
```

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

```
.background{ background-color: rgb(233,  
122, 197) }
```

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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