

Converting Colors

CIELCh(66, 49.777, 342.669)

Have a look what the booklet for
CIELCh(66, 49.777, 342.669)
contains.

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Color

CIELCh(66, 49.727, 342.563)

Conversions

Conversions Part 1

Format	Color
Hex	E57EBC
RGB	229, 126, 188
RGB Percent	90%, 49%, 74%
CMY	0.1009, 0.5049, 0.2618
CMYK	0.00, 0.45, 0.18, 0.10
HSL	324°, 67%, 70%
HSV	324°, 45%, 90%
XYZ	48.9897, 35.3238, 51.9497
YIQ	163.8650, 41.4860, 41.1180

Conversions

Conversions Part 2

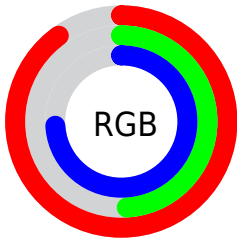
Format	Color
R _Y B	229, 126, 188
Decimal	15040188
CIE Lab	66.00, 47.44, -14.90
CIE LCh	66, 49.727, 342.563
Yxy	35.3238, 0.3595, 0.2592
Android (android.graphics.Color)	4293230268 (0xFFE57EBC)
YUV	163.8650, 11.8986, 57.1234
Hunter-Lab	59.4338, 43.1234, -10.2203

Details

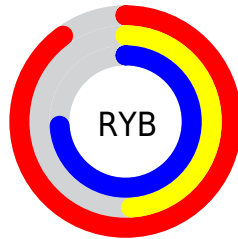
The CIELCh color $66, 49.727, 342.563$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $84, 48.456, 154.186$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 41.897, 330.581$, and $46, 49.731, 342.257$ is the 20% darker color. If you saturate the color by 10%, you get $61, 59.612, 343.778$, and if you desaturate by 10%, it is $71, 38.984, 341.500$.

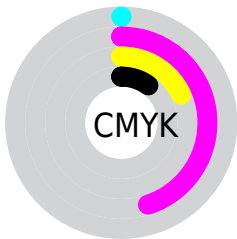
Distribution



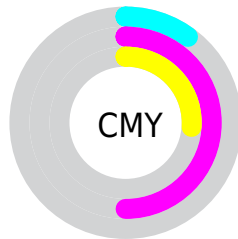
- Red (90%)
- Green (49%)
- Blue (74%)



- Red (90%)
- Yellow (49%)
- Blue (74%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (10%)




- Cyan (10%)
- Magenta (50%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 49.727, 342.563 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, 49.727, 342.563 by changing the saturation by 10% instead.


 66, 49.727,
342.563


 66, 49.727,
342.563


 100, 49.727,
342.563


 56, 49.727,
342.563


 86, 49.727,
342.563

 46, 49.727,
342.563

 96, 49.727,
342.563

 36, 49.727,
342.563

 26, 49.727,
342.563

 16, 49.727,
342.563

 6, 49.727, 342.563

 0, 49.727, 342.563

66, 49.727,
342.563

66, 49.727,
342.563

61, 59.612,
343.778

71, 38.984,
341.500

57, 68.106,
345.202

77, 27.829,
340.548

54, 74.634,
346.919

82, 16.574,
339.678

52, 78.746,
349.040

88, 5.427, 338.839

51, 80.333,
351.693

94, 5.484, 158.261

50, 80.506,
353.214

98, 10.917,
164.704

98, 8.959, 189.509

98, 8.767, 198.927

Harmonies

Complementary

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



66, 49.727, 342.563



84, 48.456, 154.186

Rectangle

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



66, 49.727, 342.563



66, 49.727, 32.563



66, 49.727, 162.563



66, 49.727, 212.563

Sweetspot

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



66, 49.724, 342.564



92, 15.703, 339.523



61, 59.283, 307.710



48, 11.008, 339.708



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, 49.724, 342.564



68, 63.981, 343.698



65, 42.428, 15.516



45, 6.278, 339.223



39, 66.954, 352.653



7, 28.881, 347.661

Inverse Universe

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



66, 49.724, 342.564



68, 63.981, 343.698



85, 33.063, 186.061



45, 6.278, 339.223



39, 66.954, 352.653



7, 28.881, 347.661

Previews

White Background



This preview shows how the CIELCh color 66, 49.727, 342.563 looks on a white background.

Color Contrast Check

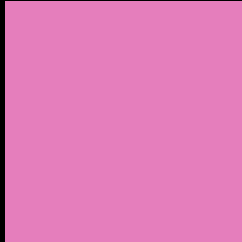
Large Text (above 18pt) WCAG AA × Fail

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, 49.727, 342.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

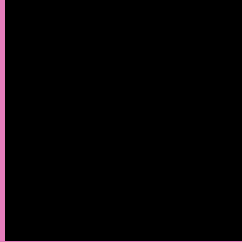
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 49.727, 342.563

Background



This preview shows how black text looks on a background with the CIELCh color 66, 49.727, 342.563.



This preview shows how white text looks on a background with the CIELCh color 66, 49.727, 342.563.

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

66, 49.727, 342.563

Protanopia

66, 28.940, 285.405

Deuteranopia

66, 14.841, 304.316



Tritanopia
66, 36.813, 14.992

Trichromacy



Original Color
66, 49.727, 342.563



Protanomaly
65, 32.951, 311.580



Deuteranomaly
66, 26.785, 328.359

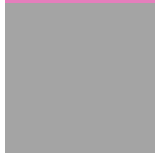


Tritanomaly
66, 39.872, 0.782

Monochromacy



Original Color
66, 49.727, 342.563



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.202, 339.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 49.727, 342.563 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(229, 126, 188)` looks like.

```
.text, #text, p{  
    color:rgb(229, 126, 188)  
}
```

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(229, 126, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 126, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 49.727, 342.563 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(229, 126, 188) }
```

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

```
.border{ border-color:rgb(229, 126, 188) }
```

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

Here you see how a box with a 4 pixel rgb(229, 126, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 126, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 126, 188);  
box-shadow:4px 4px 4px 4px rgb(229, 126,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 49.727, 342.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 126, 188) }
```

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

```
.background{ background-color: rgb(229,  
126, 188) }
```

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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