

Converting Colors

CIELCh(66, 56.949, 342.548)

Have a look what the booklet for
CIELCh(66, 56.949, 342.548)
contains.

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Color

CIELCh(66, 56.949, 342.548)

Conversions

Conversions Part 1

Format	Color
Hex	EE77C0
RGB	238, 119, 192
RGB Percent	93%, 47%, 75%
CMY	0.0653, 0.5321, 0.2458
CMYK	0.00, 0.50, 0.19, 0.07
HSL	323°, 78%, 70%
HSV	323°, 50%, 93%
XYZ	51.5576, 35.3238, 54.1525
YIQ	162.9030, 47.4910, 47.9310

Conversions

Conversions Part 2

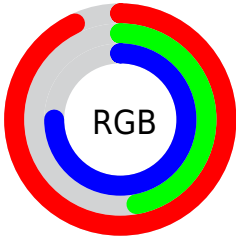
Format	Color
R _Y B	238, 119, 192
Decimal	15628224
CIE Lab	66.00, 54.33, -17.08
CIE LCh	66, 56.949, 342.548
Yxy	35.3238, 0.3656, 0.2505
Android (android.graphics.Color)	4293818304 (0xFFEE77C0)
YUV	162.9030, 14.3448, 65.8601
Hunter-Lab	59.4338, 50.8358, -12.4177

Details

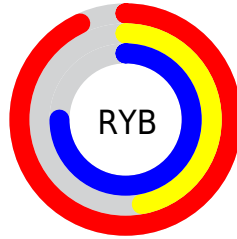
The CIELCh color $66, 56.949, 342.548$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $86, 55.668, 153.007$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 47.180, 328.721$, and $46, 56.851, 342.564$ is the 20% darker color. If you saturate the color by 10%, you get $62, 66.533, 343.826$, and if you desaturate by 10%, it is $71, 46.187, 341.440$.

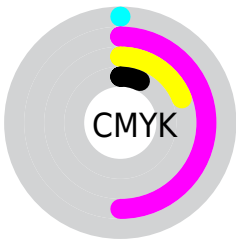
Distribution



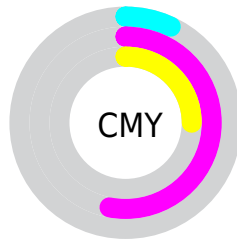
- Red (93%)
- Green (47%)
- Blue (75%)



- Red (93%)
- Yellow (47%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 56.949, 342.548 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, 56.949, 342.548 by changing the saturation by 10% instead.


 66, 56.949,
342.548


 66, 56.949,
342.548


 100, 56.949,
342.548


 56, 56.949,
342.548


 86, 56.949,
342.548

 46, 56.949,
342.548

 96, 56.949,
342.548

 36, 56.949,
342.548

 26, 56.949,
342.548

 16, 56.949,
342.548

 6, 56.949, 342.548

 0, 56.949, 342.548

66, 56.949,
342.548

66, 56.949,
342.548

62, 66.533,
343.826

71, 46.187,
341.440

58, 74.354,
345.339

76, 34.772,
340.454

55, 79.855,
347.181

82, 23.094,
339.560

53, 82.719,
349.471

88, 11.425,
338.728

52, 83.298,
352.272

94, 0.062, 164.736

52, 83.300,
352.290

99, 6.953, 166.329

99, 5.725, 199.158

Harmonies

Complementary

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



66, 56.949, 342.548



86, 55.668, 153.007

Rectangle

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



66, 56.949, 342.548



66, 56.949, 32.548



66, 56.949, 162.548



66, 56.949, 212.548

Sweetspot

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



66, 56.946, 342.549



90, 18.293, 339.148



59, 68.327, 308.085



47, 12.500, 339.325



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, 56.946, 342.549



66, 70.283, 343.865



64, 49.109, 16.613



47, 6.559, 338.691



40, 68.706, 351.746



9, 30.860, 347.378

Inverse Universe

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



66, 56.946, 342.549



66, 70.283, 343.865



87, 37.078, 185.593



47, 6.559, 338.691



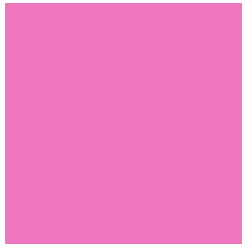
40, 68.706, 351.746



9, 30.860, 347.378

Previews

White Background



This preview shows how the CIELCh color 66, 56.949, 342.548 looks on a white background.

Color Contrast Check

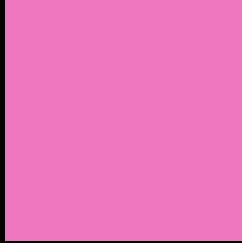
Large Text (above 18pt) WCAG AA × Fail

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, 56.949, 342.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

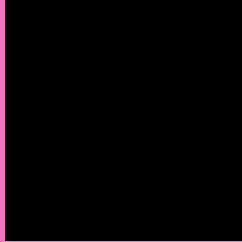
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 56.949, 342.548

Background



This preview shows how black text looks on a background with the CIELCh color 66, 56.949, 342.548.



This preview shows how white text looks on a background with the CIELCh color 66, 56.949, 342.548.

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, 56.949, 342.548

Protanopia
66, 33.959, 285.138

Deuteranopia
66, 16.333, 300.645



Tritanopia
66, 42.316, 16.861

Trichromacy



Original Color
66, 56.949, 342.548



Protanomaly
65, 37.974, 310.832



Deuteranomaly
65, 30.468, 327.570



Tritanomaly
66, 45.482, 1.816

Monochromacy



Original Color
66, 56.949, 342.548



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 22.048, 339.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 56.949, 342.548 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(238, 119, 192)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 192)  
}
```

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(238, 119, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 56.949, 342.548 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(238, 119, 192) }
```

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

```
.border{ border-color:rgb(238, 119, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 192);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 56.949, 342.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 192) }
```

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

```
.background{ background-color: rgb(238,  
119, 192) }
```

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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