

Converting Colors

CIELCh(66, 38.265, 356.270)

Have a look what the booklet for
CIELCh(66, 38.265, 356.270)
contains.

CIELCh(66, 38.166, 356.629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 38.166, 356.629)

Conversions

Conversions Part 1

Format	Color
Hex	DF86A6
RGB	223, 134, 166
RGB Percent	87%, 53%, 65%
CMY	0.1270, 0.4758, 0.3504
CMYK	0.00, 0.40, 0.26, 0.13
HSL	338°, 58%, 70%
HSV	338°, 40%, 87%
XYZ	45.6441, 35.3238, 40.3224
YIQ	164.2590, 42.7720, 28.8200

Conversions

Conversions Part 2

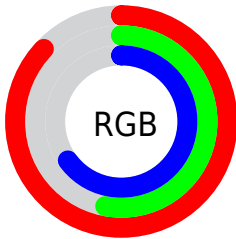
Format	Color
R _Y B	223, 134, 166
Decimal	14648998
CIE Lab	66.00, 38.10, -2.24
CIE LCh	66, 38.166, 356.629
Yxy	35.3238, 0.3763, 0.2912
Android (android.graphics.Color)	4292839078 (0xFFDF86A6)
YUV	164.2590, 0.8583, 51.5159
Hunter-Lab	59.4338, 33.0754, 1.3788

Details

The CIELCh color $66, 38.166, 356.629$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83, 34.733, 167.806$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 29.236, 346.889$, and $46, 38.277, 356.818$ is the 20% darker color. If you saturate the color by 10%, you get $61, 47.619, 358.387$, and if you desaturate by 10%, it is $71, 28.428, 355.174$.

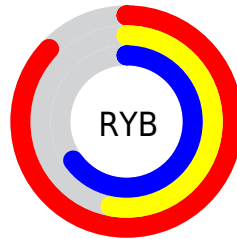
Distribution



Red (87%)

Green (53%)

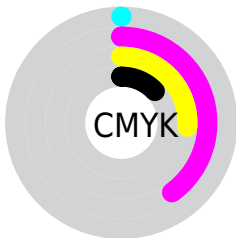
Blue (65%)



Red (87%)

Yellow (53%)

Blue (65%)

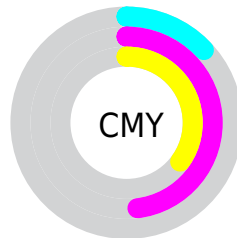


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (48%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 38.166, 356.629 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, 38.166, 356.629 by changing the saturation by 10% instead.

 66, 38.166,
356.629


 66, 38.166,
356.629


 100, 38.166,
356.629


 56, 38.166,
356.629


 86, 38.166,
356.629

 46, 38.166,
356.629

 96, 38.166,
356.629

 36, 38.166,
356.629

 26, 38.166,
356.629

 16, 38.166,
356.629

 6, 38.166, 356.629

 0, 38.166, 356.629

66, 38.166,
356.629

66, 38.166,
356.629

61, 47.619,
358.387

71, 28.428,
355.174

57, 56.396, 0.552

77, 18.705,
353.934

53, 64.022, 3.277

83, 9.184, 352.843

50, 70.080, 6.738

89, 0.031, 188.143

48, 74.405, 11.099

95, 8.885, 171.187

47, 77.471, 16.279

98, 11.235,
188.752

47, 77.484, 16.299

98, 10.950,
198.775

Harmonies

Complementary

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



66, 38.166, 356.629



83, 34.733, 167.806

Rectangle

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



66, 38.166, 356.629



66, 38.166, 46.629



66, 38.166, 176.629



66, 38.166, 226.629

Sweetspot

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



66, 38.163, 356.631



92, 12.398, 353.067



64, 52.765, 315.334



48, 8.242, 353.207



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, 38.163, 356.631



70, 51.129, 358.082



68, 33.271, 33.463



44, 5.265, 352.789



37, 64.790, 15.344



6, 25.516, 4.283

Inverse Universe

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



66, 38.163, 356.631



70, 51.129, 358.082



80, 24.691, 212.758



44, 5.265, 352.789



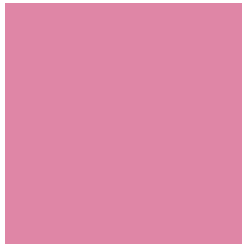
37, 64.790, 15.344



6, 25.516, 4.283

Previews

White Background



This preview shows how the CIELCh color 66, 38.166, 356.629 looks on a white background.

Color Contrast Check

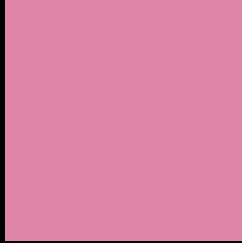
Large Text (above 18pt) WCAG AA × Fail

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, 38.166, 356.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

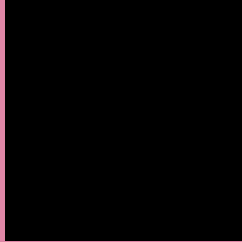
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 38.166, 356.629

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.166, 356.629.



This preview shows how white text looks on a background with the CIELCh color 66, 38.166, 356.629.

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, 38.166, 356.629

Protanopia
66, 12.196, 288.074

Deuteranopia
66, 8.407, 356.989



Tritanopia
66, 34.301, 14.032

Trichromacy



Original Color
66, 38.166, 356.629



Protanomaly
66, 18.544, 330.229



Deuteranomaly
66, 19.297, 356.069



Tritanomaly
66, 35.355, 7.303

Monochromacy



Original Color
66, 38.166, 356.629



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 13.999, 352.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.166, 356.629 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(223, 134, 166)` looks like.

```
.text, #text, p{  
    color:rgb(223, 134, 166)  
}
```

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(223, 134, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 134, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.166, 356.629 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(223, 134, 166) }
```

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

```
.border{ border-color:rgb(223, 134, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 134, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 134, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 134, 166);  
box-shadow:4px 4px 4px 4px rgb(223, 134,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.166, 356.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 134, 166) }
```

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

```
.background{ background-color: rgb(223,  
134, 166) }
```

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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