

Converting Colors

CIELCh(66, 13.821, 353.734)

Have a look what the booklet for
CIELCh(66, 13.821, 353.734)
contains.

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Color

CIELCh(66, 13.786, 354.670)

Conversions

Conversions Part 1

Format	Color
Hex	B898A3
RGB	184, 152, 163
RGB Percent	72%, 60%, 64%
CMY	0.2782, 0.4036, 0.3605
CMYK	0.00, 0.17, 0.11, 0.28
HSL	339°, 18%, 66%
HSV	339°, 17%, 72%
XYZ	37.6397, 35.3238, 39.5163
YIQ	162.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

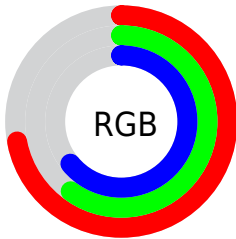
Format	Color
RYB	184, 152, 163
Decimal	12097699
CIELab	66.00, 13.73, -1.28
CIELCh	66, 13.786, 354.670
Yxy	35.3238, 0.3346, 0.3140
Android (android.graphics.Color)	4290287779 (0xFFB898A3)
YUV	162.8220, 0.0878, 18.5731
Hunter-Lab	59.4338, 9.0357, 2.1830

Details

The CIELCh color $66, 13.786, 354.670$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 13.215, 171.417$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 13.934, 353.734$, and $46, 13.790, 355.933$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.028, 355.865$, and if you desaturate by 10%, it is $71, 5.754, 353.608$.

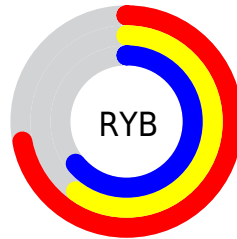
Distribution



Red (72%)

Green (60%)

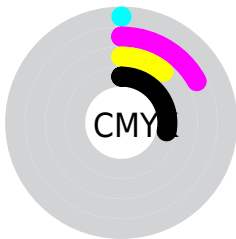
Blue (64%)



Red (72%)

Yellow (60%)

Blue (64%)

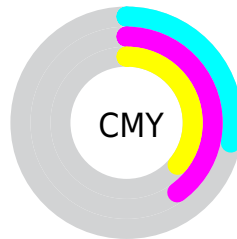


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 13.786, 354.670 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, 13.786, 354.670 by changing the saturation by 10% instead.


 66, 13.786,
354.670


 66, 13.786,
354.670


 100, 13.786,
354.670


 56, 13.786,
354.670


 86, 13.786,
354.670

 46, 13.786,
354.670

 96, 13.786,
354.670

 36, 13.786,
354.670

 26, 13.786,
354.670

 16, 13.786,
354.670

 6, 13.786, 354.670

 0, 13.786, 354.670

66, 13.786,
354.670

66, 13.786,
354.670

61, 22.028,
355.865

71, 5.754, 353.608

76, 1.991, 173.001

56, 30.355,
357.256

81, 9.420, 172.026

52, 38.553,
358.921

87, 16.530,
171.284

48, 46.319, 0.960

92, 23.330,
170.620

45, 53.278, 3.509

95, 25.921,
175.048

42, 59.058, 6.734

40, 63.435, 10.802

95, 23.568,
188.655

39, 66.574, 15.744

96, 22.826,
198.010

39, 67.394, 17.056

Harmonies

Complementary

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



66, 13.786, 354.670



72, 13.215, 171.417

Rectangle

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



66, 13.786, 354.670



66, 13.786, 44.670



66, 13.786, 174.670



66, 13.786, 224.670

Sweetspot

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



66, 13.784, 354.674



92, 4.809, 353.356



66, 19.409, 314.850



48, 3.283, 353.435



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 13.784, 354.674



82, 20.764, 355.127



67, 11.140, 33.956



36, 4.421, 353.813



32, 59.342, 16.261



2, 11.375, 359.423

Inverse Universe

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



66, 13.784, 354.674



82, 20.764, 355.127



71, 9.930, 214.062



36, 4.421, 353.813



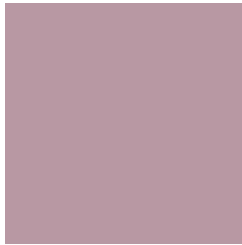
32, 59.342, 16.261



2, 11.375, 359.423

Previews

White Background



This preview shows how the CIELCh color 66, 13.786, 354.670 looks on a white background.

Color Contrast Check

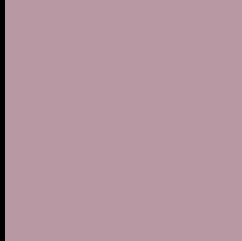
Large Text (above 18pt) WCAG AA × Fail

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, 13.786, 354.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

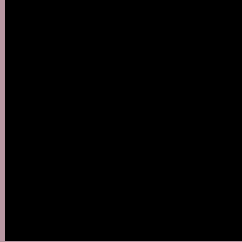
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 13.786, 354.670

Background



This preview shows how black text looks on a background with the CIELCh color 66, 13.786, 354.670.



This preview shows how white text looks on a background with the CIELCh color 66, 13.786, 354.670.

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, 13.786, 354.670

Protanopia

66, 4.458, 295.458

Deuteranopia

66, 8.050, 355.846



Tritanopia
66, 14.015, 352.617

Trichromacy



Original Color
66, 13.786, 354.670

Protanomaly
66, 6.788, 332.749

Deuteranomaly
66, 9.698, 356.856

Tritanomaly
66, 14.015, 352.617

Monochromacy



Original Color
66, 13.786, 354.670

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.116, 354.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 13.786, 354.670 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(184, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 152, 163)  
}
```

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(184, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 152, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 13.786, 354.670 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(184, 152, 163) }
```

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

```
.border{ border-color:rgb(184, 152, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 152, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 152,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 13.786, 354.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 152, 163) }
```

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

```
.background{ background-color: rgb(184,  
152, 163) }
```

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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