

Converting Colors

CIELCh(66, 13.635, 0.459)

Have a look what the booklet for
CIELCh(66, 13.635, 0.459) contains.

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Color

CIELCh(66, 13.754, 359.636)

Conversions

Conversions Part 1

Format	Color
Hex	B998A1
RGB	185, 152, 161
RGB Percent	73%, 60%, 63%
CMY	0.2747, 0.4041, 0.3688
CMYK	0.00, 0.18, 0.13, 0.27
HSL	344°, 19%, 66%
HSV	344°, 18%, 73%
XYZ	37.6481, 35.3238, 38.5330
YIQ	162.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

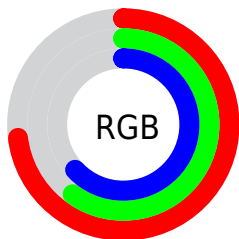
Format	Color
RYB	185, 152, 161
Decimal	12163233
CIELab	66.00, 13.75, -0.09
CIELCh	66, 13.754, 359.636
Yxy	35.3238, 0.3376, 0.3168
Android (android.graphics.Color)	4290353313 (0xFFB998A1)
YUV	162.8930, -0.9332, 19.3878
Hunter-Lab	59.4338, 9.0609, 3.1640

Details

The CIELCh color $66, 13.754, 359.636$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 13.003, 176.250$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 13.874, 358.365$, and $46, 13.977, 358.985$ is the 20% darker color. If you saturate the color by 10%, you get $61, 21.861, 0.892$, and if you desaturate by 10%, it is $71, 5.916, 358.538$.

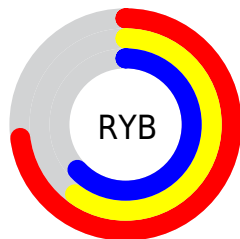
Distribution



Red (73%)

Green (60%)

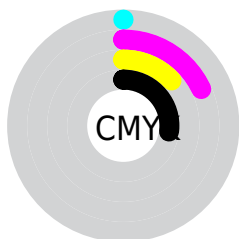
Blue (63%)



Red (73%)

Yellow (60%)

Blue (63%)

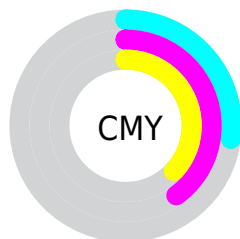


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 13.754, 359.636 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, 13.754, 359.636 by changing the saturation by 10% instead.

 66, 13.754,
359.636


 66, 13.754,
359.636

 100, 13.754,
359.636


 56, 13.754,
359.636


 86, 13.754,
359.636

 46, 13.754,
359.636

 96, 13.754,
359.636

 36, 13.754,
359.636

 26, 13.754,
359.636

 16, 13.754,
359.636

 6, 13.754, 359.636

 0, 13.754, 359.636

66, 13.754,
359.636

66, 13.754,
359.636

61, 21.861, 0.892

71, 5.916, 358.538

56, 30.128, 2.376

76, 1.588, 177.986

52, 38.358, 4.179

82, 8.741, 176.940

48, 46.272, 6.414

87, 15.549,
176.196

45, 53.523, 9.229

92, 22.028,
175.539

42, 59.776, 12.788

40, 64.852, 17.221

95, 24.315,
181.469

39, 68.954, 22.435

96, 22.571,
198.026

39, 69.862, 23.541

Harmonies

Complementary

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



66, 13.754, 359.636



73, 13.003, 176.250

Rectangle

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



66, 13.754, 359.636



66, 13.754, 49.636



66, 13.754, 179.636



66, 13.754, 229.636

Sweetspot

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



66, 13.752, 359.641



91, 4.631, 358.230



66, 20.324, 317.003



48, 3.162, 358.311



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, 13.752, 359.641



81, 20.123, 0.058



68, 11.027, 40.974



36, 4.264, 358.699



32, 61.160, 22.703



2, 11.116, 3.297

Inverse Universe

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



66, 13.752, 359.641



81, 20.123, 0.058



71, 9.844, 222.238



36, 4.264, 358.699



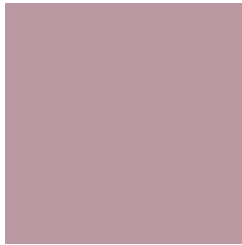
32, 61.160, 22.703



2, 11.116, 3.297

Previews

White Background



This preview shows how the CIELCh color 66, 13.754, 359.636 looks on a white background.

Color Contrast Check

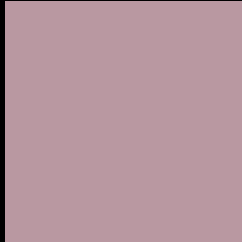
Large Text (above 18pt) WCAG AA × Fail

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, 13.754, 359.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

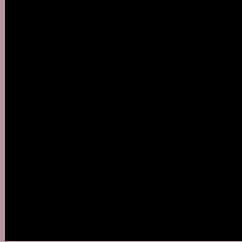
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 13.754, 359.636

Background



This preview shows how black text looks on a background with the CIELCh color 66, 13.754, 359.636.



This preview shows how white text looks on a background with the CIELCh color 66, 13.754, 359.636.

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, 13.754, 359.636

Protanopia

66, 2.886, 305.621

Deuteranopia

66, 8.598, 1.479



Tritanopia
66, 14.139, 355.420

Trichromacy



Original Color
66, 13.754, 359.636

Protanomaly
66, 6.323, 342.182

Deuteranomaly
66, 10.260, 1.564

Tritanomaly
66, 13.937, 357.498

Monochromacy



Original Color
66, 13.754, 359.636

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.908, 0.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 13.754, 359.636 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(185, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(185, 152, 161)  
}
```

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(185, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 152, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 13.754, 359.636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

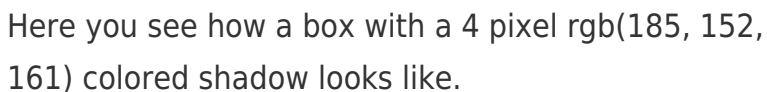
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 152, 161) }
```

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

```
.border{ border-color:rgb(185, 152, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 152, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 152, 161); box-shadow:4px 4px 4px 4px rgb(185, 152, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 13.754, 359.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 152, 161) }
```

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

```
.background{ background-color: rgb(185,  
152, 161) }
```

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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