

Converting Colors

CIELCh(63, 13.898, 354.739)

Have a look what the booklet for
CIELCh(63, 13.898, 354.739)
contains.

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Color

CIELCh(63, 13.917, 354.752)

Conversions

Conversions Part 1

Format	Color
Hex	B0909B
RGB	176, 144, 155
RGB Percent	69%, 56%, 61%
CMY	0.3094, 0.4349, 0.3918
CMYK	0.00, 0.18, 0.12, 0.31
HSL	339°, 17%, 63%
HSV	339°, 18%, 69%
XYZ	33.8393, 31.5869, 35.3661
YIQ	154.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

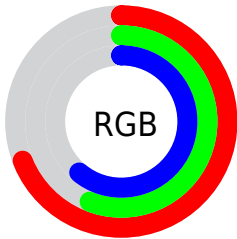
Format	Color
RYB	176, 144, 155
Decimal	11571355
CIELab	63.00, 13.86, -1.27
CIELCh	63, 13.917, 354.752
Yxy	31.5869, 0.3357, 0.3134
Android (android.graphics.Color)	4289761435 (0xFFB0909B)
YUV	154.8220, 0.0878, 18.5731
Hunter-Lab	56.2022, 9.1206, 2.0325




Details

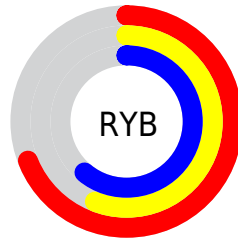
The CIELCh color $63, 13.917, 354.752$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 13.316, 171.343$, and the grayscale version is $64, 0.008, 296.813$.




A 20% lighter version of the original color is $83, 13.823, 355.755$, and $43, 14.202, 353.860$ is the 20% darker color. If you saturate the color by 10%, you get $58, 21.878, 355.955$, and if you desaturate by 10%, it is $68, 6.151, 353.688$.

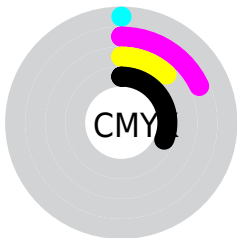
Distribution







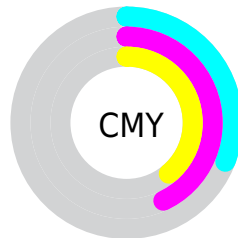
-  Red (69%)
-  Green (56%)
-  Blue (61%)






-  Red (69%)
-  Yellow (56%)
-  Blue (61%)



-  Cyan (0%)
-  Magenta (18%)
-  Yellow (12%)
-  Black (31%)





-  Cyan (31%)
-  Magenta (43%)
-  Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.917, 354.752 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 63, 13.917, 354.752 by changing the saturation by 10% instead.


 63, 13.917,
354.752


 63, 13.917,
354.752


 100, 13.917,
354.752


 53, 13.917,
354.752


 83, 13.917,
354.752

 43, 13.917,
354.752

 93, 13.917,
354.752

 33, 13.917,
354.752

 23, 13.917,
354.752

 13, 13.917,
354.752

 3, 13.917, 354.752

 0, 13.917, 354.752

63, 13.917,
354.752

63, 13.917,
354.752

58, 21.878,
355.955

68, 6.151, 353.688

73, 1.343, 173.164

54, 29.909,
357.357

78, 8.534, 172.093

50, 37.800,
359.038

83, 15.417,
171.344

46, 45.254, 1.098

88, 22.002,
170.676

43, 51.909, 3.673

93, 28.306,
170.070

40, 57.413, 6.931

38, 61.563, 11.033

95, 28.022,
177.171

37, 64.597, 15.959

95, 25.850,
189.240

37, 65.168, 16.859

■ 95, 25.081,
197.871

Harmonies

Complementary

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



63, 13.917, 354.752



69, 13.316, 171.343

Rectangle

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



63, 13.917, 354.752



63, 13.917, 44.752



63, 13.917, 174.752



63, 13.917, 224.752

Sweetspot

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



63, 13.915, 354.756



88, 4.642, 353.355



63, 19.585, 314.883



46, 3.168, 353.432



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 13.915, 354.756



78, 21.029, 355.241



64, 11.267, 33.973



35, 4.319, 353.809



32, 58.610, 16.176



2, 9.858, 358.400

Inverse Universe

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



63, 13.915, 354.756



78, 21.029, 355.241



68, 9.991, 214.075



35, 4.319, 353.809



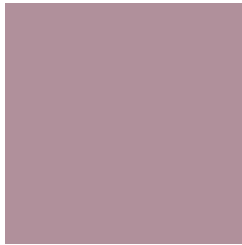
32, 58.610, 16.176



2, 9.858, 358.400

Previews

White Background



This preview shows how the CIELCh color 63, 13.917, 354.752 looks on a white background.

Color Contrast Check

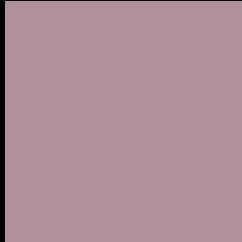
Large Text (above 18pt) WCAG AA × Fail

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 63, 13.917, 354.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

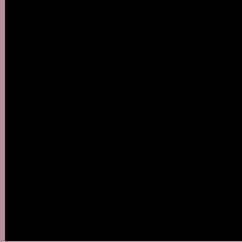
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 13.917, 354.752

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.917, 354.752.

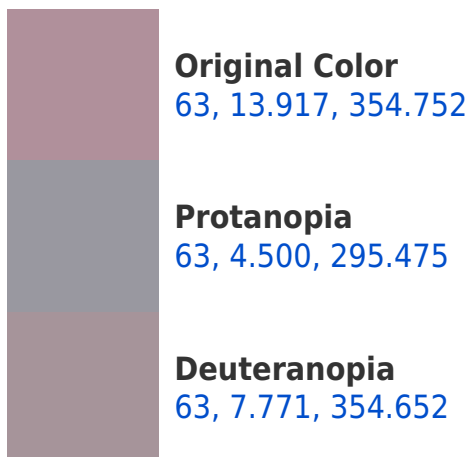


This preview shows how white text looks on a background with the CIELCh color 63, 13.917, 354.752.

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





Tritanopia
63, 13.917, 354.752

Trichromacy



Original Color
63, 13.917, 354.752

Protanomaly
63, 6.850, 332.772

Deuteranomaly
63, 9.791, 356.917

Tritanomaly
63, 13.917, 354.752

Monochromacy



Original Color
63, 13.917, 354.752

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.165, 354.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.917, 354.752 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(176, 144, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 144, 155)  
}
```

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(176, 144, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 144, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.917, 354.752 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(176, 144, 155) }
```

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

```
.border{ border-color:rgb(176, 144, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 144, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 144, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 144, 155); box-shadow:4px 4px 4px 4px rgb(176, 144, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.917, 354.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 144, 155) }
```

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

```
.background{ background-color: rgb(176,  
144, 155) }
```

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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