

Converting Colors

CIELCh(63, 17.795, 303.879)

Have a look what the booklet for
CIELCh(63, 17.795, 303.879)
contains.

CIELCh(63, 17.803, 303.674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 17.803, 303.674)

Conversions

Conversions Part 1

Format	Color
Hex	9E94B3
RGB	158, 148, 179
RGB Percent	62%, 58%, 70%
CMY	0.3814, 0.4206, 0.2991
CMYK	0.12, 0.17, 0.00, 0.30
HSL	259°, 17%, 64%
HSV	259°, 17%, 70%
XYZ	32.7098, 31.5869, 46.8810
YIQ	154.5240, -3.9910, 11.7610

Conversions

Conversions Part 2

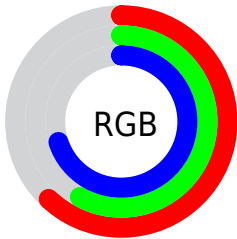
Format	Color
R_{YB}	158, 148, 179
Decimal	10392755
CIE _{Lab}	63.00, 9.87, -14.82
CIE _{LCh}	63, 17.803, 303.674
Yxy	31.5869, 0.2942, 0.2841
Android (android.graphics.Color)	4288582835 (0xFF9E94B3)
YUV	154.5240, 12.0667, 3.0485
Hunter-Lab	56.2022, 5.5333, -10.1150

Details

The CIELCh color $63, 17.803, 303.674$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $71, 17.241, 121.696$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 17.944, 303.862$, and $43, 17.884, 303.589$ is the 20% darker color. If you saturate the color by 10%, you get $57, 28.545, 304.373$, and if you desaturate by 10%, it is $69, 7.409, 303.047$.

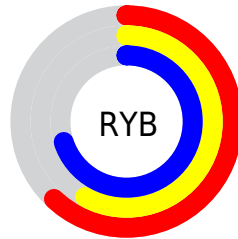
Distribution



Red (62%)

Green (58%)

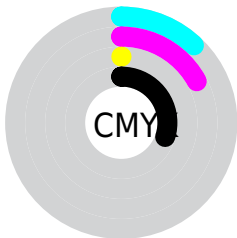
Blue (70%)



Red (62%)

Yellow (58%)

Blue (70%)

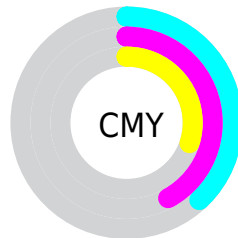


Cyan (12%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (38%)


Magenta (42%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.803, 303.674 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, 17.803, 303.674 by changing the saturation by 10% instead.


 63, 17.803,
303.674


 63, 17.803,
303.674


 100, 17.803,
303.674


 53, 17.803,
303.674


 83, 17.803,
303.674

 43, 17.803,
303.674

 93, 17.803,
303.674

 33, 17.803,
303.674

 23, 17.803,
303.674

 13, 17.803,
303.674

 3, 17.803, 303.674

 0, 17.803, 303.674

63, 17.803,
303.674

63, 17.803,
303.674

57, 28.545,
304.373

69, 7.409, 303.047

52, 39.611,
305.148

74, 2.630, 122.526

46, 50.918,
305.981

80, 12.323,
122.034

41, 62.286,
306.841

86, 21.688,
121.618

36, 73.367,
307.661

91, 30.741,
121.259

31, 83.552,
308.335

97, 39.500,
120.950

27, 91.927,
308.708


98, 38.603,
114.390

25, 97.663,

98, 38.267,
107.481

308.659

 98, 38.266,
107.259

 24, 99.040,
308.653

Harmonies

Complementary

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



63, 17.803, 303.674



71, 17.241, 121.696

Rectangle

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



63, 17.803, 303.674



63, 17.803, 353.674



63, 17.803, 123.674



63, 17.803, 173.674

Sweetspot

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



63, 17.801, 303.673



89, 6.221, 302.914



68, 9.163, 235.221



47, 4.283, 302.955



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 17.801, 303.673



77, 26.842, 303.945



64, 19.703, 320.068



35, 5.730, 303.165



20, 88.181, 308.771



1, 13.541, 299.872

Inverse Universe

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



65, 16.590, 336.417



80, 24.891, 336.724



70, 19.554, 138.467



35, 5.383, 335.817



33, 62.345, 346.223



2, 11.982, 339.998

Previews

White Background



This preview shows how the CIELCh color 63, 17.803, 303.674 looks on a white background.

Color Contrast Check

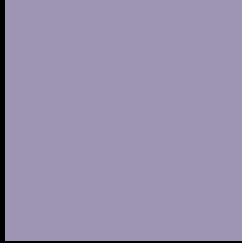
Large Text (above 18pt) WCAG AA × Fail

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, 17.803, 303.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

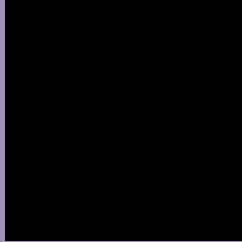
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 17.803, 303.674

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.803, 303.674.



This preview shows how white text looks on a background with the CIELCh color 63, 17.803, 303.674.

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


63, 17.803, 303.674

Protanopia

63, 16.843, 286.004

Deuteranopia

63, 16.986, 299.239



Tritanopia
63, 6.362, 304.510

Trichromacy



Original Color
63, 17.803, 303.674

Protanomaly
63, 16.805, 291.983

Deuteranomaly
63, 17.038, 300.441

Tritanomaly
63, 10.358, 303.639

Monochromacy



Original Color
63, 17.803, 303.674

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 6.272, 301.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.803, 303.674 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(158, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 179)  
}
```

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(158, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.803, 303.674 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(158, 148, 179) }
```

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

```
.border{ border-color:rgb(158, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 179);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.803, 303.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 179) }
```

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

```
.background{ background-color: rgb(158,  
148, 179) }
```

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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