

Converting Colors

CIELCh(63, 8.994, 296.791)

Have a look what the booklet for
CIELCh(63, 8.994, 296.791) contains.

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Color

CIELCh(63, 9.002, 295.859)

Conversions

Conversions Part 1

Format	Color
Hex	9997A7
RGB	153, 151, 167
RGB Percent	60%, 59%, 65%
CMY	0.4009, 0.4088, 0.3460
CMYK	0.08, 0.10, 0.00, 0.35
HSL	247°, 8%, 62%
HSV	247°, 10%, 65%
XYZ	31.0730, 31.5869, 40.9013
YIQ	153.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

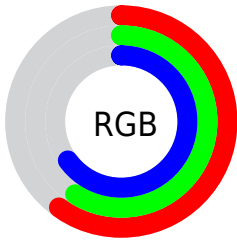
Format	Color
R_{YB}	153, 151, 167
Decimal	10065831
CIE _{Lab}	63.00, 3.93, -8.10
CIE _{LCh}	63, 9.002, 295.859
Yxy	31.5869, 0.3000, 0.3050
Android (android.graphics.Color)	4288255911 (0xFF9997A7)
YUV	153.4220, 6.6940, -0.3701
Hunter-Lab	56.2022, 0.3347, -3.8068

Details

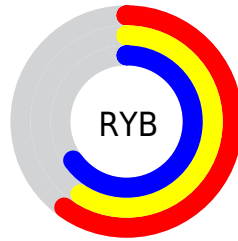
The CIELCh color $63, 9.002, 295.859$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.808, 114.350$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.037, 295.429$, and $43, 9.087, 296.435$ is the 20% darker color. If you saturate the color by 10%, you get $57, 18.742, 296.789$, and if you desaturate by 10%, it is $69, 0.368, 115.009$.

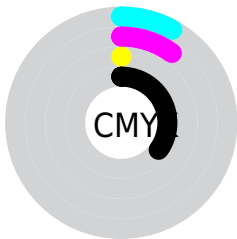
Distribution



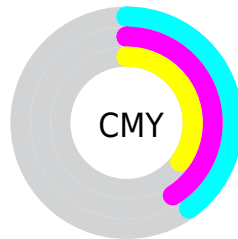
- Red (60%)
- Green (59%)
- Blue (65%)



- Red (60%)
- Yellow (59%)
- Blue (65%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.002, 295.859 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, 9.002, 295.859 by changing the saturation by 10% instead.

■ 63, 9.002, 295.859

■ 63, 9.002, 295.859

■ 100, 9.002,
295.859

■ 53, 9.002, 295.859

■ 83, 9.002, 295.859

■ 43, 9.002, 295.859

■ 93, 9.002, 295.859

■ 33, 9.002, 295.859

■ 23, 9.002, 295.859

■ 13, 9.002, 295.859

■ 3, 9.002, 295.859

■ 0, 9.002, 295.859

■ 63, 9.002, 295.859

■ 63, 9.002, 295.859

■ 57, 18.742,

■ 69, 0.368, 115.009

296.789

74, 9.387, 114.357

52, 28.874,
297.871

80, 18.079,
113.765

46, 39.402,
299.111

85, 26.467,
113.257

40, 50.288,
300.506

91, 34.572,
112.818

35, 61.397,
302.025

96, 42.411,
112.441

30, 72.394,
303.582

98, 44.105,
106.849

26, 82.577,
305.017

98, 44.105,
106.808

22, 90.780,
306.087

20, 96.381,
306.744

Harmonies

Complementary

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



63, 9.002, 295.859



68, 8.808, 114.350

Rectangle

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



63, 9.002, 295.859



63, 9.002, 345.859



63, 9.002, 115.859



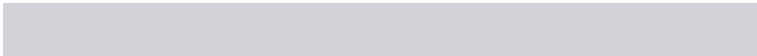
63, 9.002, 165.859

Sweetspot

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



63, 9.000, 295.854



85, 3.448, 295.319



67, 5.299, 210.303



45, 2.637, 295.380



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 9.000, 295.854



78, 14.009, 296.086



64, 9.717, 313.416



33, 5.348, 295.829



17, 88.385, 306.826



1, 9.594, 294.399

Inverse Universe

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



64, 9.927, 328.566



80, 15.397, 328.725



67, 9.617, 132.654



33, 5.900, 328.548



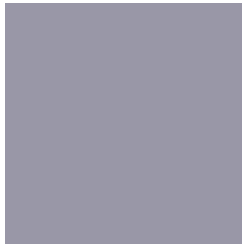
34, 69.934, 333.808



2, 10.381, 329.449

Previews

White Background



This preview shows how the CIELCh color 63, 9.002, 295.859 looks on a white background.

Color Contrast Check

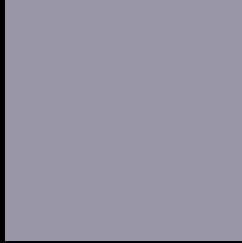
Large Text (above 18pt) WCAG AA × Fail

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, 9.002, 295.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

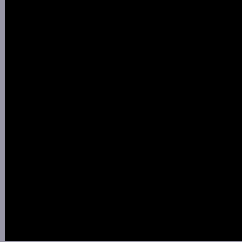
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

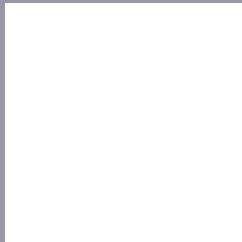
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 9.002, 295.859

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.002, 295.859.

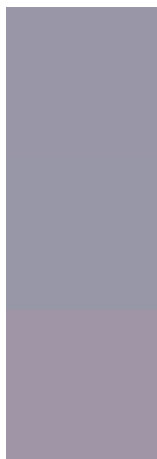


This preview shows how white text looks on a background with the CIELCh color 63, 9.002, 295.859.

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, 9.002, 295.859

Protanopia

63, 8.961, 291.153

Deuteranopia

63, 11.606, 313.983



Tritanopia
63, 6.739, 294.088

Trichromacy



Original Color

63, 9.002, 295.859

Protanomaly

63, 8.974, 293.508

Deuteranomaly

63, 10.560, 307.604

Tritanomaly

63, 7.297, 293.896

Monochromacy



Original Color

63, 9.002, 295.859

Achromatopsia

63, 0.008, 296.813

Achromatomaly

63, 3.388, 296.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.002, 295.859 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(153, 151, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 167)  
}
```

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(153, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.002, 295.859 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(153, 151, 167) }
```

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

```
.border{ border-color:rgb(153, 151, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 151, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 151, 167); box-shadow:4px 4px 4px 4px rgb(153, 151, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.002, 295.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 167) }
```

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

```
.background{ background-color: rgb(153,  
151, 167) }
```

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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