

Converting Colors

CIELCh(63, 9.416, 293.365)

Have a look what the booklet for
CIELCh(63, 9.416, 293.365) contains.

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Color

CIELCh(63, 9.533, 293.423)

Conversions

Conversions Part 1

Format	Color
Hex	9897A8
RGB	152, 151, 168
RGB Percent	60%, 59%, 66%
CMY	0.4043, 0.4082, 0.3416
CMYK	0.10, 0.10, 0.00, 0.34
HSL	244°, 9%, 63%
HSV	244°, 10%, 66%
XYZ	31.0360, 31.5869, 41.4537
YIQ	153.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

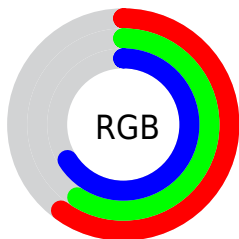
Format	Color
R_{YB}	152, 151, 168
Decimal	10000296
CIE Lab	63.00, 3.79, -8.75
CIE LCh	63, 9.533, 293.423
Yxy	31.5869, 0.2982, 0.3035
Android (android.graphics.Color)	4288190376 (0xFF9897A8)
YUV	153.2370, 7.2782, -1.0848
Hunter-Lab	56.2022, 0.2172, -4.3896

Details

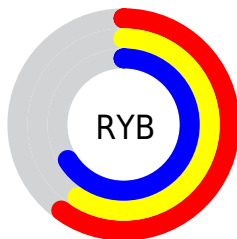
The CIELCh color $63, 9.533, 293.423$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.314, 111.620$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.540, 293.115$, and $43, 9.657, 293.884$ is the 20% darker color. If you saturate the color by 10%, you get $57, 19.324, 294.489$, and if you desaturate by 10%, it is $69, 0.122, 292.800$.

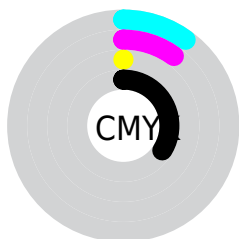
Distribution



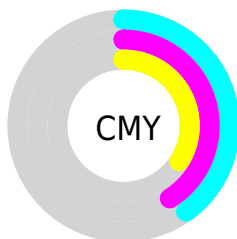
- Red (60%)
- Green (59%)
- Blue (66%)



- Red (60%)
- Yellow (59%)
- Blue (66%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.533, 293.423 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, 9.533, 293.423 by changing the saturation by 10% instead.

■ 63, 9.533, 293.423

■ 63, 9.533, 293.423

■ 100, 9.533,
293.423

■ 53, 9.533, 293.423

■ 83, 9.533, 293.423

■ 43, 9.533, 293.423

■ 93, 9.533, 293.423

■ 33, 9.533, 293.423

■ 23, 9.533, 293.423

■ 13, 9.533, 293.423

■ 3, 9.533, 293.423

■ 0, 9.533, 293.423

■ 63, 9.533, 293.423

■ 63, 9.533, 293.423

■ 57, 19.324,

■ 69, 0.122, 292.800

294.489

74, 8.932, 111.711

51, 29.524,
295.740

80, 17.655,
111.044

46, 40.145,
297.188

86, 26.071,
110.470

40, 51.160,
298.835

91, 34.200,
109.976

34, 62.444,
300.645

97, 42.062,
109.549

29, 73.644,
302.521

98, 43.556,
106.850

25, 83.986,
304.269

22, 92.164,
305.604

20, 97.542,
306.482

Harmonies

Complementary

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



63, 9.533, 293.423



68, 9.314, 111.620

Rectangle

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



63, 9.533, 293.423



63, 9.533, 343.423



63, 9.533, 113.423



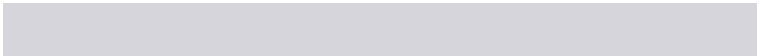
63, 9.533, 163.423

Sweetspot

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



63, 9.531, 293.418



85, 3.469, 292.765



67, 5.959, 203.501



45, 2.628, 292.833



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, 9.531, 293.418



79, 14.099, 293.629



64, 10.165, 311.213



33, 5.331, 293.337



16, 88.822, 306.514



1, 9.569, 292.166

Inverse Universe

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



64, 11.034, 326.594



81, 16.273, 326.715



68, 10.036, 130.381



33, 6.177, 326.546



34, 73.588, 330.668



2, 11.038, 326.715

Previews

White Background



This preview shows how the CIELCh color 63, 9.533, 293.423 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, 9.533, 293.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

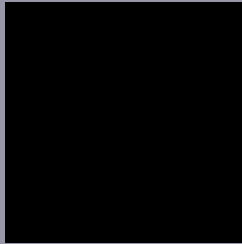
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

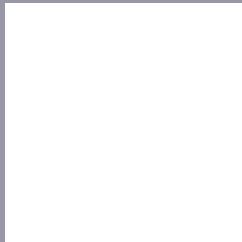
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 9.533, 293.423

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.533, 293.423.



This preview shows how white text looks on a background with the CIELCh color 63, 9.533, 293.423.

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

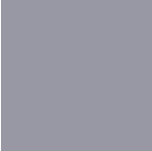
63, 9.533, 293.423

Protanopia

63, 9.521, 289.007

Deuteranopia

63, 12.121, 312.967



Tritanopia
63, 6.719, 287.743

Trichromacy



Original Color
63, 9.533, 293.423

Protanomaly
63, 9.520, 291.213

Deuteranomaly
63, 11.097, 306.808

Tritanomaly
63, 7.277, 288.053

Monochromacy



Original Color
63, 9.533, 293.423

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, 9.533, 293.423 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(152, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 168)  
}
```

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(152, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.533, 293.423 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(152, 151, 168) }
```

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

```
.border{ border-color:rgb(152, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.533, 293.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 168) }
```

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

```
.background{ background-color: rgb(152,  
151, 168) }
```

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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