

Converting Colors

CIELCh(63, 8.810, 292.939)

Have a look what the booklet for
CIELCh(63, 8.810, 292.939) contains.

CIELCh(63, 8.974, 293.508)	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, 8.974, 293.508)

Conversions

Conversions Part 1

Format	Color
Hex	9897A7
RGB	152, 151, 167
RGB Percent	60%, 59%, 65%
CMY	0.4040, 0.4079, 0.3452
CMYK	0.09, 0.10, 0.00, 0.35
HSL	244°, 8%, 62%
HSV	244°, 10%, 65%
XYZ	30.9792, 31.5869, 41.0107
YIQ	153.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

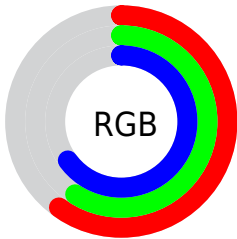
Format	Color
RYB	152, 151, 167
Decimal	10000295
CIELab	63.00, 3.58, -8.23
CIELCh	63, 8.974, 293.508
Yxy	31.5869, 0.2991, 0.3050
Android (android.graphics.Color)	4288190375 (0xFF9897A7)
YUV	153.1230, 6.8414, -0.9849
Hunter-Lab	56.2022, 0.0369, -3.9223

Details

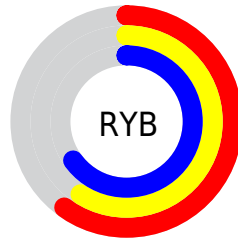
The CIELCh color $63, 8.974, 293.508$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.777, 111.816$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.011, 293.199$, and $43, 9.056, 293.963$ is the 20% darker color. If you saturate the color by 10%, you get $57, 18.701, 294.557$, and if you desaturate by 10%, it is $69, 0.376, 112.503$.

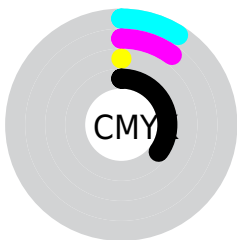
Distribution



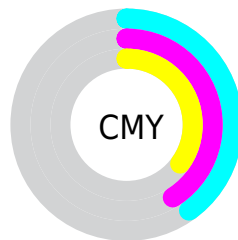
- Red (60%)
- Green (59%)
- Blue (65%)



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



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 8.974, 293.508 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, 8.974, 293.508 by changing the saturation by 10% instead.

■ 63, 8.974, 293.508

■ 63, 8.974, 293.508

■ 100, 8.974,
293.508

■ 53, 8.974, 293.508

■ 83, 8.974, 293.508

■ 43, 8.974, 293.508

■ 93, 8.974, 293.508

■ 33, 8.974, 293.508

■ 23, 8.974, 293.508

■ 13, 8.974, 293.508

■ 3, 8.974, 293.508

■ 0, 8.974, 293.508

■ 63, 8.974, 293.508

■ 63, 8.974, 293.508

■ 57, 18.701,

■ 69, 0.376, 112.503

294.557

74, 9.373, 111.822

51, 28.833,
295.788

80, 18.041,
111.164

46, 39.382,
297.212

86, 26.405,
110.599

40, 50.326,
298.833

91, 34.485,
110.112

35, 61.545,
300.619

97, 42.300,
109.691

30, 72.708,
302.477

98, 44.001,
106.816

25, 83.074,
304.219

22, 91.379,
305.569

20, 96.905,
306.453

Harmonies

Complementary

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



63, 8.974, 293.508



68, 8.777, 111.816

Rectangle

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



63, 8.974, 293.508



63, 8.974, 343.508



63, 8.974, 113.508



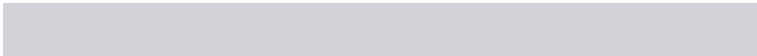
63, 8.974, 163.508

Sweetspot

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



63, 8.972, 293.503



84, 3.437, 292.907



67, 5.622, 203.524



45, 2.629, 292.974



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, 8.972, 293.503



79, 12.778, 293.662



64, 9.571, 311.188



33, 5.331, 293.475



16, 88.802, 306.528



1, 9.570, 292.290

Inverse Universe

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



64, 10.366, 326.669



81, 14.731, 326.763



67, 9.454, 130.405



33, 6.162, 326.652



34, 73.379, 330.831



2, 11.000, 326.862

Previews

White Background



This preview shows how the CIELCh color 63, 8.974, 293.508 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 63, 8.974, 293.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

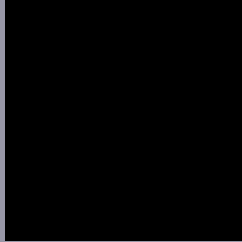
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 8.974, 293.508

Background



This preview shows how black text looks on a background with the CIELCh color 63, 8.974, 293.508.



This preview shows how white text looks on a background with the CIELCh color 63, 8.974, 293.508.

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, 8.974, 293.508

Protanopia

63, 8.961, 291.153

Deuteranopia

63, 12.121, 312.967



Tritanopia
63, 6.719, 287.743

Trichromacy



Original Color
63, 8.974, 293.508

Protanomaly
63, 8.961, 291.153

Deuteranomaly
63, 11.097, 306.808

Tritanomaly
63, 7.277, 288.053

Monochromacy



Original Color
63, 8.974, 293.508

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, 8.974, 293.508 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 151, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 8.974, 293.508 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, 167) }
```

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

```
.border{ border-color:rgb(152, 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(152, 151, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 8.974, 293.508 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, 167) }
```

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

```
.background{ background-color: rgb(152,  
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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