

Converting Colors

CIELCh(63, 1.794, 45.020)

Have a look what the booklet for
CIELCh(63, 1.794, 45.020) contains.

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Color

CIELCh(63, 1.899, 55.187)

Conversions

Conversions Part 1

Format	Color
Hex	9C9896
RGB	156, 152, 150
RGB Percent	61%, 60%, 59%
CMY	0.3894, 0.4051, 0.4130
CMYK	0.00, 0.03, 0.04, 0.39
HSL	20°, 3%, 60%
HSV	20°, 4%, 61%
XYZ	30.3101, 31.5869, 33.2252
YIQ	152.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

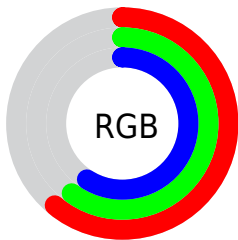
Format	Color
RYB	156, 153, 150
Decimal	10262678
CIELab	63.00, 1.08, 1.56
CIELCh	63, 1.899, 55.187
Yxy	31.5869, 0.3186, 0.3321
Android (android.graphics.Color)	4288452758 (0xFF9C9896)
YUV	152.9680, -1.4632, 2.6591
Hunter-Lab	56.2022, -2.0882, 4.2910

Details

The CIELCh color **63, 1.899, 55.187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 1.871, 236.283**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 1.791, 55.190**, and **43, 2.052, 55.125** is the 20% darker color. If you saturate the color by 10%, you get **60, 7.078, 54.641**, and if you desaturate by 10%, it is **66, 2.944, 236.382**.

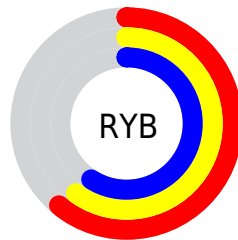
Distribution



Red (61%)

Green (60%)

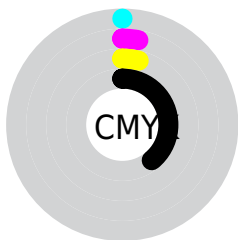
Blue (59%)



Red (61%)

Yellow (60%)

Blue (59%)

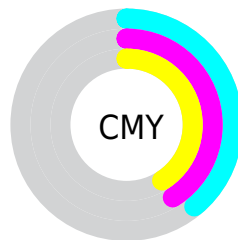


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (39%)



Cyan (39%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 1.899, 55.187 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, 1.899, 55.187 by changing the saturation by 10% instead.

■ 63, 1.899, 55.187

■ 63, 1.899, 55.187

■ 100, 1.899, 55.187

■ 53, 1.899, 55.187

■ 83, 1.899, 55.187

■ 43, 1.899, 55.187

■ 93, 1.899, 55.187

■ 33, 1.899, 55.187

■ 23, 1.899, 55.187

■ 13, 1.899, 55.187

■ 3, 1.899, 55.187

■ 0, 1.899, 55.187

■ 63, 1.899, 55.187

■ 63, 1.899, 55.187

■ 60, 7.078, 54.641

■ 66, 2.944, 236.382

57, 12.630, 53.951

69, 7.487, 237.101

54, 18.588, 53.307

73, 11.765,
237.888

51, 24.973, 52.737

76, 15.811,
238.680

48, 31.783, 52.253

45, 38.968, 51.849

79, 19.653,
239.464

42, 46.378, 51.475

83, 23.317,
240.234

40, 53.663, 50.985

38, 60.099, 50.040

86, 25.793,
237.283

89, 25.935,
222.321

92, 27.655,
208.584

Harmonies

Complementary

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



63, 1.899, 55.187



63, 1.871, 236.283

Rectangle

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



63, 1.899, 55.187



63, 1.899, 105.187



63, 1.899, 235.187



63, 1.899, 285.187

Sweetspot

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



63, 1.899, 55.244



81, 0.599, 54.861



63, 3.236, 335.838



43, 0.343, 54.813



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 1.899, 55.244



79, 3.055, 55.201



64, 2.797, 101.883



33, 1.705, 55.179



34, 59.800, 49.878



2, 3.663, 53.612

Inverse Universe

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



63, 1.871, 236.283



79, 2.989, 236.339



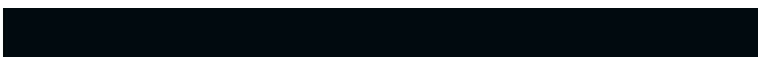
62, 2.825, 282.794



33, 1.664, 236.366



38, 33.271, 260.985



2, 3.680, 240.016

Previews

White Background



This preview shows how the CIELCh color 63, 1.899, 55.187 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, 1.899, 55.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

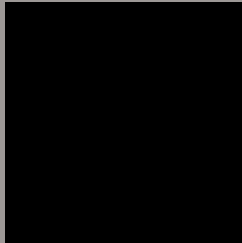
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

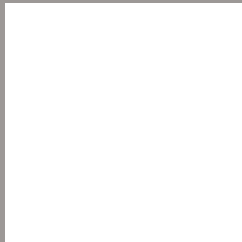
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 1.899, 55.187

Background



This preview shows how black text looks on a background with the CIELCh color 63, 1.899, 55.187.



This preview shows how white text looks on a background with the CIELCh color 63, 1.899, 55.187.

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, 1.899, 55.187

Protanopia

63, 1.899, 55.187

Deuteranopia

63, 8.537, 5.099



Tritanopia
63, 7.254, 312.212

Trichromacy



Original Color
63, 1.899, 55.187

Protanomaly
63, 1.899, 55.187

Deuteranomaly
63, 5.972, 9.174

Tritanomaly
63, 4.562, 320.651

Monochromacy



Original Color
63, 1.899, 55.187

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 0.668, 74.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 1.899, 55.187 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(156, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 152, 150)  
}
```

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(156, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 152, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 1.899, 55.187 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(156, 152, 150) }
```

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

```
.border{ border-color:rgb(156, 152, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 152, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(156, 152,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 1.899, 55.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 152, 150) }
```

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

```
.background{ background-color: rgb(156,  
152, 150) }
```

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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