

Converting Colors

CIELCh(63, 4.386, 32.778)

Have a look what the booklet for
CIELCh(63, 4.386, 32.778) contains.

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Color

CIELCh(63, 4.451, 34.180)

Conversions

Conversions Part 1

Format	Color
Hex	A19694
RGB	161, 150, 148
RGB Percent	63%, 59%, 58%
CMY	0.3681, 0.4112, 0.4191
CMYK	0.00, 0.07, 0.08, 0.37
HSL	9°, 6%, 61%
HSV	9°, 8%, 63%
XYZ	31.0069, 31.5869, 32.5332
YIQ	153.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

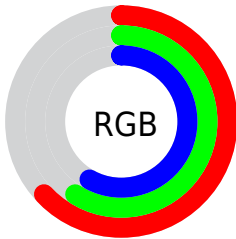
Format	Color
R_{YB}	161, 150, 148
Decimal	10589844
CIE _{Lab}	63.00, 3.68, 2.50
CIE _{LCh}	63, 4.451, 34.180
Yxy	31.5869, 0.3260, 0.3320
Android (android.graphics.Color)	4288779924 (0xFFA19694)
YUV	153.0610, -2.4951, 6.9625
Hunter-Lab	56.2022, 0.1250, 5.0210

Details

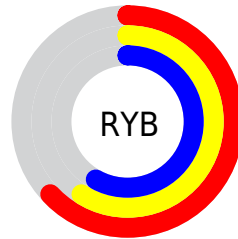
The CIELCh color **63, 4.451, 34.180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 4.233, 214.450**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 4.548, 32.987**, and **43, 4.415, 35.578** is the 20% darker color. If you saturate the color by 10%, you get **59, 10.380, 34.378**, and if you desaturate by 10%, it is **67, 1.025, 214.762**.

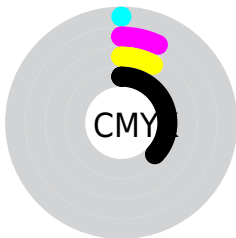
Distribution



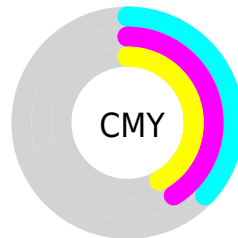
- Red (63%)
- Green (59%)
- Blue (58%)



- Red (63%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (37%)



- Cyan (37%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.451, 34.180 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, 4.451, 34.180 by changing the saturation by 10% instead.

 63, 4.451, 34.180  63, 4.451, 34.180

 100, 4.451, 34.180  53, 4.451, 34.180

 83, 4.451, 34.180  43, 4.451, 34.180

 93, 4.451, 34.180  33, 4.451, 34.180


 23, 4.451, 34.180

 13, 4.451, 34.180

 3, 4.451, 34.180

 0, 4.451, 34.180

 63, 4.451, 34.180  63, 4.451, 34.180

 59, 10.380, 34.378  67, 1.025, 214.762

■ 55, 16.802, 34.651

■ 71, 6.087, 214.454

■ 51, 23.738, 35.097

■ 75, 10.782,
214.555

■ 48, 31.182, 35.768

■ 80, 15.151,
214.719

■ 44, 39.086, 36.709

■ 41, 47.327, 37.942

■ 84, 19.235,
214.920

■ 39, 55.651, 39.413

■ 88, 23.068,
215.145

■ 36, 63.515, 40.879

■ 35, 70.110, 42.045

■ 92, 26.391,
208.597

■ 94, 29.099,
197.625

Harmonies

Complementary

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



63, 4.451, 34.180



65, 4.233, 214.450

Rectangle

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



63, 4.451, 34.180



63, 4.451, 84.180



63, 4.451, 214.180



63, 4.451, 264.180

Sweetspot

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



63, 4.450, 34.204



83, 1.330, 33.866



63, 7.972, 329.282



44, 0.754, 33.838



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 4.450, 34.204



79, 6.877, 34.240



65, 4.999, 88.742



32, 3.168, 34.225



31, 65.646, 42.254



2, 4.816, 32.716

Inverse Universe

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



65, 4.233, 214.450



82, 6.450, 214.452



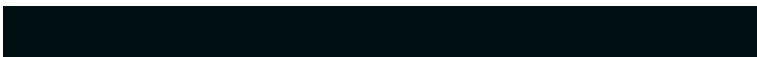
63, 4.995, 270.840



34, 2.989, 214.449



47, 28.667, 224.915



4, 4.644, 218.880

Previews

White Background



This preview shows how the CIELCh color 63, 4.451, 34.180 looks on a white background.

Color Contrast Check

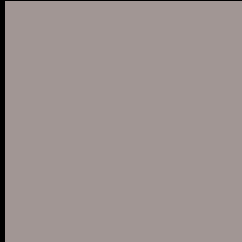
Large Text (above 18pt) WCAG AA × Fail

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, 4.451, 34.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

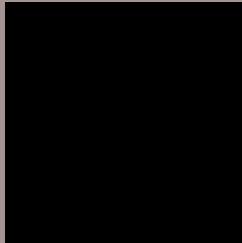
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 4.451, 34.180

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.451, 34.180.



This preview shows how white text looks on a background with the CIELCh color 63, 4.451, 34.180.

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, 4.451, 34.180

Protanopia

63, 2.270, 66.681

Deuteranopia

63, 8.750, 12.925



Tritanopia
63, 8.864, 331.059

Trichromacy



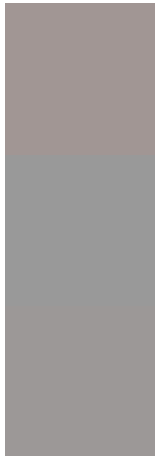
Original Color
63, 4.451, 34.180

Protanomaly
63, 2.939, 41.762

Deuteranomaly
63, 7.104, 15.547

Tritanomaly
63, 6.382, 342.213

Monochromacy



Original Color
63, 4.451, 34.180

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.639, 39.137

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 63, 4.451, 34.180 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(161, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 148)  
}
```

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(161, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.451, 34.180 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(161, 150, 148) }
```

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

```
.border{ border-color:rgb(161, 150, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.451, 34.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 148) }
```

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

```
.background{ background-color: rgb(161,  
150, 148) }
```

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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