

Converting Colors

CIELCh(63, 3.891, 43.418)

Have a look what the booklet for
CIELCh(63, 3.891, 43.418) contains.

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Color

CIELCh(63, 3.892, 44.987)

Conversions

Conversions Part 1

Format	Color
Hex	A09794
RGB	160, 151, 148
RGB Percent	63%, 59%, 58%
CMY	0.3739, 0.4092, 0.4210
CMYK	0.00, 0.06, 0.08, 0.37
HSL	15°, 6%, 60%
HSV	15°, 8%, 63%
XYZ	30.7564, 31.5869, 32.3504
YIQ	153.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

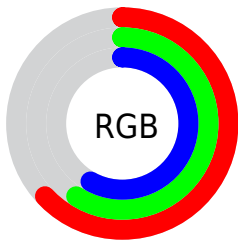
Format	Color
R_{YB}	160, 152, 148
Decimal	10524564
CIE Lab	63.00, 2.75, 2.75
CIE LCh	63, 3.892, 44.987
Yxy	31.5869, 0.3248, 0.3336
Android (android.graphics.Color)	4288714644 (0xFFA09794)
YUV	153.3490, -2.6371, 5.8329
Hunter-Lab	56.2022, -0.6706, 5.2139

Details

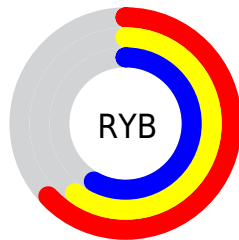
The CIELCh color **63, 3.892, 44.987** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 3.731, 225.938**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 4.002, 42.754**, and **43, 4.223, 44.901** is the 20% darker color. If you saturate the color by 10%, you get **59, 9.434, 44.719**, and if you desaturate by 10%, it is **67, 1.245, 225.921**.

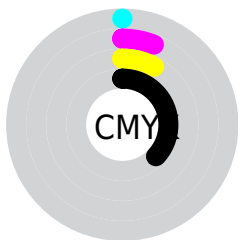
Distribution



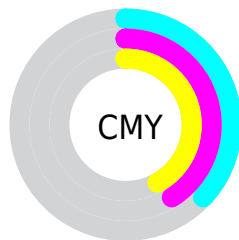
- Red (63%)
- Green (59%)
- Blue (58%)



- Red (63%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 3.892, 44.987 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, 3.892, 44.987 by changing the saturation by 10% instead.

■ 63, 3.892, 44.987 ■ 63, 3.892, 44.987

■ 100, 3.892, 44.987 ■ 53, 3.892, 44.987

■ 83, 3.892, 44.987 ■ 43, 3.892, 44.987

■ 93, 3.892, 44.987 ■ 33, 3.892, 44.987

■ 23, 3.892, 44.987

■ 13, 3.892, 44.987

■ 3, 3.892, 44.987

■ 0, 3.892, 44.987

■ 63, 3.892, 44.987 ■ 63, 3.892, 44.987

■ 59, 9.434, 44.719 ■ 67, 1.245, 225.921

56, 15.423, 44.465

70, 6.017, 226.117

52, 21.890, 44.318

74, 10.466,
226.598

49, 28.849, 44.313

78, 14.631,
227.119

46, 36.279, 44.471

43, 44.095, 44.789

81, 18.546,
227.655

41, 52.084, 45.202

85, 22.242,
228.197

38, 59.754, 45.495

36, 66.359, 45.406

89, 24.977,
223.682

92, 26.980,
207.334

94, 29.480,
197.602

Harmonies

Complementary

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



63, 3.892, 44.987



64, 3.731, 225.938

Rectangle

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



63, 3.892, 44.987



63, 3.892, 94.987



63, 3.892, 224.987



63, 3.892, 274.987

Sweetspot

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



63, 3.892, 45.016



82, 1.249, 44.927



62, 6.857, 332.776



44, 0.716, 44.905



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, 3.892, 45.016



79, 5.788, 44.971



65, 5.112, 96.339



32, 2.926, 44.969



32, 62.297, 45.685



2, 3.725, 43.884

Inverse Universe

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



64, 3.731, 225.938



80, 5.492, 226.012



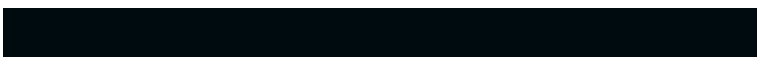
62, 5.148, 278.159



32, 2.775, 226.015



42, 29.555, 245.239



3, 3.675, 229.742

Previews

White Background



This preview shows how the CIELCh color 63, 3.892, 44.987 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, 3.892, 44.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

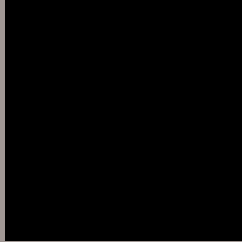
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 3.892, 44.987

Background



This preview shows how black text looks on a background with the CIELCh color 63, 3.892, 44.987.

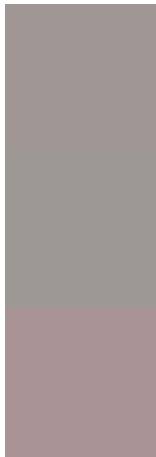


This preview shows how white text looks on a background with the CIELCh color 63, 3.892, 44.987.

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, 3.892, 44.987

Protanopia

63, 2.706, 74.701

Deuteranopia

63, 8.717, 16.557



Tritanopia
63, 7.706, 327.158

Trichromacy



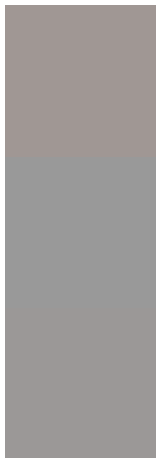
Original Color
63, 3.892, 44.987

Protanomaly
63, 2.948, 68.427

Deuteranomaly
63, 7.098, 20.027

Tritanomaly
63, 5.426, 341.749

Monochromacy



Original Color
63, 3.892, 44.987

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.279, 44.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 3.892, 44.987 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(160, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 151, 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(160, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 151, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 3.892, 44.987 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(160, 151, 148) }
```

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

```
.border{ border-color:rgb(160, 151, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(160, 151,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 3.892, 44.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 151, 148) }
```

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

```
.background{ background-color: rgb(160,  
151, 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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