

Converting Colors

CIELCh(64, 7.899, 19.430)

Have a look what the booklet for
CIELCh(64, 7.899, 19.430) contains.

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Color

CIELCh(64, 8.282, 16.317)

Conversions

Conversions Part 1

Format	Color
Hex	AB9697
RGB	171, 150, 151
RGB Percent	67%, 59%, 59%
CMY	0.3286, 0.4109, 0.4070
CMYK	0.00, 0.12, 0.12, 0.33
HSL	357°, 11%, 63%
HSV	357°, 12%, 67%
XYZ	33.3830, 32.8017, 33.9383
YIQ	156.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

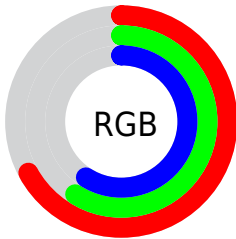
Format	Color
RYB	171, 150, 151
Decimal	11245207
CIELab	64.00, 7.95, 2.33
CIELCh	64, 8.282, 16.317
Yxy	32.8017, 0.3334, 0.3276
Android (android.graphics.Color)	4289435287 (0xFFAB9697)
YUV	156.3930, -2.6587, 12.8103
Hunter-Lab	57.2727, 3.8164, 4.9573

Details

The CIELCh color **64, 8.282, 16.317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 7.720, 194.723**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 8.166, 16.281**, and **44, 8.547, 16.499** is the 20% darker color. If you saturate the color by 10%, you get **59, 15.572, 17.311**, and if you desaturate by 10%, it is **69, 1.477, 15.290**.

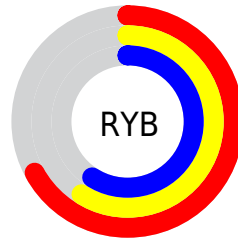
Distribution



Red (67%)

Green (59%)

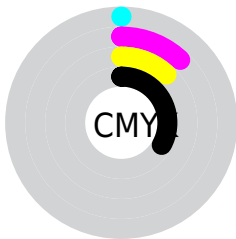
Blue (59%)



Red (67%)

Yellow (59%)

Blue (59%)

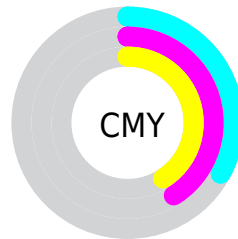


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.282, 16.317 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 64, 8.282, 16.317 by changing the saturation by 10% instead.

■ 64, 8.282, 16.317 ■ 64, 8.282, 16.317

■ 100, 8.282, 16.317 ■ 54, 8.282, 16.317

■ 84, 8.282, 16.317 ■ 44, 8.282, 16.317

■ 94, 8.282, 16.317 ■ 34, 8.282, 16.317

■ 24, 8.282, 16.317

■ 14, 8.282, 16.317

■ 4, 8.282, 16.317

■ 0, 8.282, 16.317

■ 64, 8.282, 16.317 ■ 64, 8.282, 16.317

■ 59, 15.572, 17.311 ■ 69, 1.477, 15.290

55, 23.337, 18.527

74, 4.854, 195.093

50, 31.510, 20.069

79, 10.748,
194.520

46, 39.954, 22.044

84, 16.244,
194.070

43, 48.461, 24.569

40, 56.758, 27.732

89, 21.387,
193.695

37, 64.530, 31.492

94, 26.218,
193.374

36, 71.307, 35.478

35, 75.491, 37.948

95, 26.425,
197.788

Harmonies

Complementary

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



64, 8.282, 16.317



68, 7.720, 194.723

Rectangle

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



64, 8.282, 16.317



64, 8.282, 66.317



64, 8.282, 196.317



64, 8.282, 246.317

Sweetspot

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



64, 8.281, 16.328



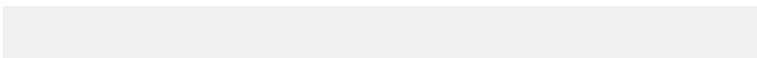
86, 3.238, 15.563



64, 13.940, 323.705



46, 2.326, 15.645



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 8.281, 16.328



79, 12.636, 16.604



66, 6.914, 68.389



34, 3.821, 16.065



31, 68.268, 37.523



2, 7.820, 16.184

Inverse Universe

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



64, 8.281, 16.328



79, 12.636, 16.604



66, 6.646, 251.390



34, 3.821, 16.065



31, 68.268, 37.523



2, 7.820, 16.184

Previews

White Background



This preview shows how the CIELCh color 64, 8.282, 16.317 looks on a white background.

Color Contrast Check

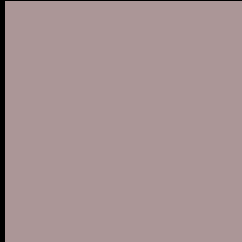
Large Text (above 18pt) WCAG AA × Fail

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 64, 8.282, 16.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

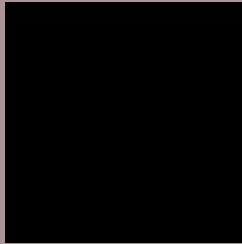
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.282, 16.317

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.282, 16.317.



This preview shows how white text looks on a background with the CIELCh color 64, 8.282, 16.317.

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


64, 8.282, 16.317

Protanopia

64, 1.542, 19.254

Deuteranopia

64, 8.682, 16.538



Tritanopia
64, 10.793, 345.950

Trichromacy



Original Color
64, 8.282, 16.317

Protanomaly
64, 3.885, 19.653

Deuteranomaly
64, 8.682, 16.538

Tritanomaly
64, 9.986, 353.955

Monochromacy



Original Color
64, 8.282, 16.317

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.704, 19.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.282, 16.317 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(171, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 151)  
}
```

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(171, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.282, 16.317 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(171, 150, 151) }
```

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

```
.border{ border-color:rgb(171, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.282, 16.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 151) }
```

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

```
.background{ background-color: rgb(171,  
150, 151) }
```

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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