

Converting Colors

CIELCh(64, 1.879, 290.122)

Have a look what the booklet for
CIELCh(64, 1.879, 290.122) contains.

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Color

CIELCh(64, 1.678, 290.389)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9B9B9E |
| RGB | 155, 155, 158 |
| RGB Percent | 61%, 61%, 62% |
| CMY | 0.3928, 0.3928, 0.3811 |
| CMYK | 0.02, 0.02, 0.00, 0.38 |
| HSL | 240°, 2%, 61% |
| HSV | 240°, 2%, 62% |
| XYZ | 31.3358, 32.8017, 36.9513 |
| YIQ | 155.3420, -0.9630, 0.9330 |

Conversions

Conversions Part 2

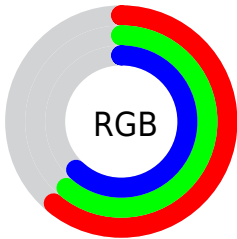
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 155, 155, 158 |
| Decimal | 10197918 |
| CIELab | 64.00, 0.58, -1.57 |
| CIELCh | 64, 1.678, 290.389 |
| Yxy | 32.8017, 0.3100, 0.3245 |
| Android (android.graphics.Color) | 4288387998 (0xFF9B9B9E) |
| YUV | 155.3420, 1.3104, -0.2999 |
| Hunter-Lab | 57.2727, -2.5640, 1.8382 |

Details

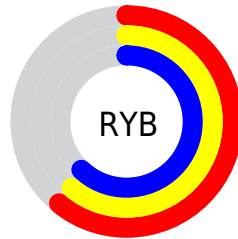
The CIELCh color **64, 1.678, 290.389** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 1.654, 109.933**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 2.117, 290.391**, and **44, 1.801, 290.457** is the 20% darker color. If you saturate the color by 10%, you get **58, 10.665, 291.370**, and if you desaturate by 10%, it is **70, 6.971, 109.427**.

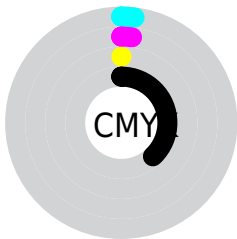
Distribution



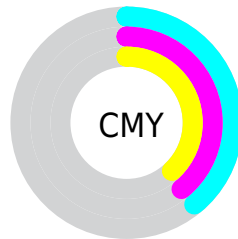
- Red (61%)
- Green (61%)
- Blue (62%)



- Red (61%)
- Yellow (61%)
- Blue (62%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 1.678, 290.389 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, 1.678, 290.389 by changing the saturation by 10% instead.

■ 64, 1.678, 290.389

■ 64, 1.678, 290.389

100, 1.678,
290.389

■ 54, 1.678, 290.389

■ 84, 1.678, 290.389

■ 44, 1.678, 290.389

■ 94, 1.678, 290.389

■ 34, 1.678, 290.389

■ 24, 1.678, 290.389

■ 14, 1.678, 290.389

■ 4, 1.678, 290.389

■ 0, 1.678, 290.389

■ 64, 1.678, 290.389

■ 64, 1.678, 290.389

■ 58, 10.665,

■ 70, 6.971, 109.427

291.370

75, 15.304,
108.674

53, 20.022,
292.594

80, 23.343,
108.027

47, 29.776,
294.032

86, 31.109,
107.470

42, 39.942,
295.706

91, 38.620,
106.988

36, 50.501,
297.617

96, 45.892,
106.570

31, 61.321,
299.723

98, 48.398,
106.477

26, 72.024,
301.897

22, 81.761,
303.902

19, 89.160,
305.412

Harmonies

Complementary

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



64, 1.678, 290.389



65, 1.654, 109.933

Rectangle

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



64, 1.678, 290.389



64, 1.678, 340.389



64, 1.678, 110.389



64, 1.678, 160.389

Sweetspot

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



64, 1.676, 290.354



81, 1.090, 290.298



65, 1.139, 198.311



43, 0.619, 290.296



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 1.676, 290.354



81, 2.175, 290.365



64, 1.773, 308.513



33, 0.999, 290.350



15, 86.850, 306.272



0, 6.500, 290.144

Inverse Universe

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



64, 1.154, 19.042



81, 1.497, 19.077



65, 1.753, 128.457



33, 0.687, 19.028



29, 67.061, 39.126



1, 4.473, 19.334

Previews

White Background



This preview shows how the CIELCh color 64, 1.678, 290.389 looks on a white background.

Color Contrast Check

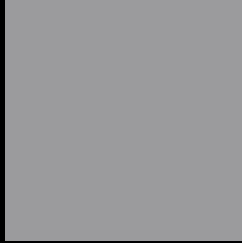
Large Text (above 18pt) WCAG AA × Fail

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, 1.678, 290.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

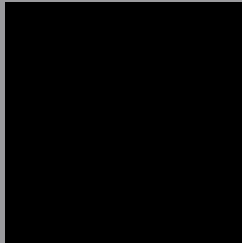
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

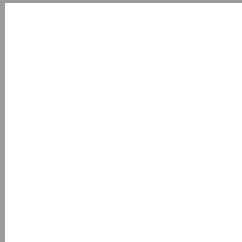
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 1.678, 290.389

Background



This preview shows how black text looks on a background with the CIELCh color 64, 1.678, 290.389.



This preview shows how white text looks on a background with the CIELCh color 64, 1.678, 290.389.

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, 1.678, 290.389

Protanopia

64, 2.045, 324.439

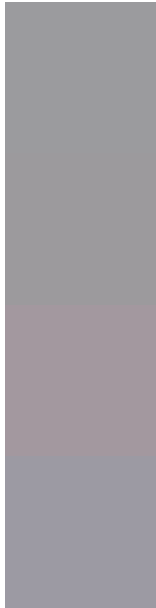
Deuteranopia

64, 8.578, 344.495



Tritanopia
64, 6.750, 297.235

Trichromacy



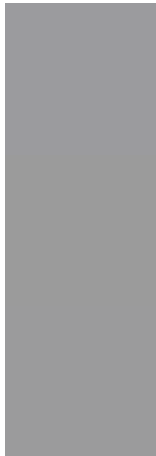
Original Color
64, 1.678, 290.389

Protanomaly
64, 1.854, 314.669

Deuteranomaly
64, 5.772, 337.403

Tritanomaly
64, 5.092, 299.204

Monochromacy



Original Color
64, 1.678, 290.389

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 0.565, 290.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 1.678, 290.389 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(155, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 158)  
}
```

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(155, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 155, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 1.678, 290.389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

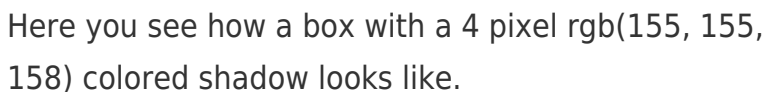
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 155, 158) }
```

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

```
.border{ border-color:rgb(155, 155, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 155, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 155, 158); box-shadow:4px 4px 4px 4px rgb(155, 155, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 1.678, 290.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 155, 158) }
```

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

```
.background{ background-color: rgb(155,  
155, 158) }
```

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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