

Converting Colors

CIELCh(57, 9.035, 4.200)

Have a look what the booklet for
CIELCh(57, 9.035, 4.200) contains.

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Color

CIELCh(57, 9.255, 2.529)

Conversions

Conversions Part 1

Format	Color
Hex	998388
RGB	153, 131, 136
RGB Percent	60%, 51%, 53%
CMY	0.3986, 0.4849, 0.4653
CMYK	0.00, 0.14, 0.11, 0.40
HSL	346°, 10%, 56%
HSV	346°, 14%, 60%
XYZ	25.8384, 24.9227, 26.8733
YIQ	138.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

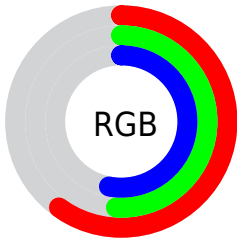
Format	Color
RYP	153, 131, 136
Decimal	10060680
CIE Lab	57.00, 9.25, 0.41
CIE LCh	57, 9.255, 2.529
Yxy	24.9227, 0.3328, 0.3210
Android (android.graphics.Color)	4288250760 (0xFF998388)
YUV	138.1480, -1.0590, 13.0252
Hunter-Lab	49.9226, 5.0216, 3.0301

Details

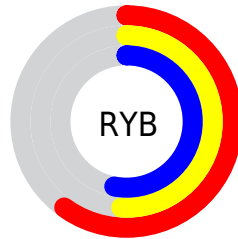
The CIELCh color $57, 9.255, 2.529$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.792, 179.967$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.049, 2.938$, and $37, 9.064, 5.068$ is the 20% darker color. If you saturate the color by 10%, you get $53, 16.055, 3.711$, and if you desaturate by 10%, it is $61, 2.740, 1.443$.

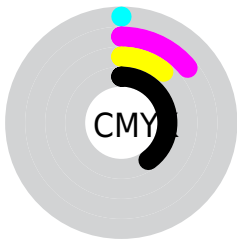
Distribution



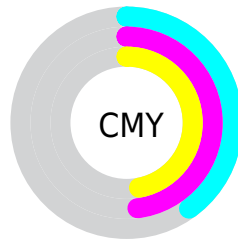
- Red (60%)
- Green (51%)
- Blue (53%)



- Red (60%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.255, 2.529 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 57, 9.255, 2.529 by changing the saturation by 10% instead.

■ 57, 9.255, 2.529

■ 57, 9.255, 2.529

■ 100, 9.255, 2.529

■ 47, 9.255, 2.529

■ 77, 9.255, 2.529

■ 37, 9.255, 2.529

■ 87, 9.255, 2.529

■ 27, 9.255, 2.529

■ 97, 9.255, 2.529

■ 17, 9.255, 2.529

■ 7, 9.255, 2.529

■ 0, 9.255, 2.529

■ 57, 9.255, 2.529

■ 57, 9.255, 2.529

■ 53, 16.055, 3.711

■ 61, 2.740, 1.443

■ 49, 23.080, 5.098

■ 66, 3.459, 180.857

45, 30.206, 6.778

70, 9.342, 180.030

41, 37.242, 8.854

75, 14.922,
179.346

38, 43.934, 11.456

80, 20.220,
178.739

35, 50.006, 14.734

33, 55.246, 18.817

84, 25.260,
178.193

32, 59.629, 23.704

89, 30.068,
177.697

32, 62.061, 26.455

93, 34.666,
177.243

94, 32.616,
186.397

Harmonies

Complementary

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



57, 9.255, 2.529



62, 8.792, 179.967

Rectangle

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



57, 9.255, 2.529



57, 9.255, 52.529



57, 9.255, 182.529



57, 9.255, 232.529

Sweetspot

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



57, 9.253, 2.536



78, 3.111, 1.408



57, 14.170, 318.400



41, 2.209, 1.497



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 9.253, 2.536



71, 13.642, 2.869



58, 7.345, 46.709



30, 3.593, 1.986



29, 57.932, 25.967



1, 3.795, 1.485

Inverse Universe

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



57, 9.253, 2.536



71, 13.642, 2.869



60, 6.762, 228.412



30, 3.593, 1.986



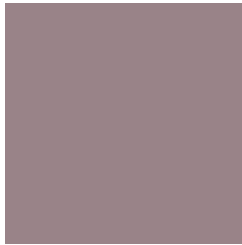
29, 57.932, 25.967



1, 3.795, 1.485

Previews

White Background



This preview shows how the CIELCh color 57, 9.255, 2.529 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 9.255, 2.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

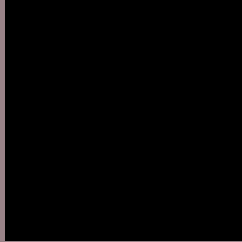
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 9.255, 2.529

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.255, 2.529.



This preview shows how white text looks on a background with the CIELCh color 57, 9.255, 2.529.

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

57, 9.255, 2.529

Protanopia

57, 2.091, 324.462

Deuteranopia

57, 7.002, 6.034



Tritanopia
57, 10.737, 348.619

Trichromacy



Original Color

57, 9.255, 2.529

Protanomaly

57, 4.574, 349.943

Deuteranomaly

57, 7.929, 3.581

Tritanomaly

57, 10.216, 354.107

Monochromacy



Original Color

57, 9.255, 2.529

Achromatopsia

58, 0.007, 296.813

Achromatomaly

57, 3.365, 359.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.255, 2.529 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(153, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 136)  
}
```

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(153, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.255, 2.529 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(153, 131, 136) }
```

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

```
.border{ border-color:rgb(153, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.255, 2.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 136) }
```

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

```
.background{ background-color: rgb(153,  
131, 136) }
```

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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