

Converting Colors

CIELCh(58, 9.642, 6.078)

Have a look what the booklet for
CIELCh(58, 9.642, 6.078) contains.

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Color

CIELCh(58, 9.473, 6.589)

Conversions

Conversions Part 1

Format	Color
Hex	9D868A
RGB	157, 134, 138
RGB Percent	62%, 53%, 54%
CMY	0.3852, 0.4754, 0.4597
CMYK	0.00, 0.15, 0.12, 0.39
HSL	350°, 10%, 57%
HSV	350°, 15%, 61%
XYZ	26.9242, 25.9610, 27.5508
YIQ	141.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

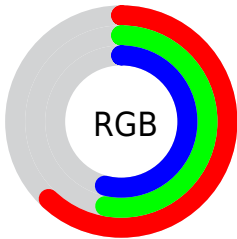
Format	Color
R _Y B	157, 134, 138
Decimal	10323594
CIE Lab	58.00, 9.41, 1.09
CIE LCh	58, 9.473, 6.589
Yxy	25.9610, 0.3347, 0.3228
Android (android.graphics.Color)	4288513674 (0xFF9D868A)
YUV	141.3330, -1.6432, 13.7400
Hunter-Lab	50.9519, 5.1577, 3.6070

Details

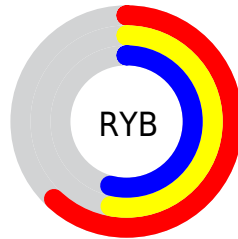
The CIELCh color $58, 9.473, 6.589$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.907, 184.059$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 9.633, 7.384$, and $38, 9.453, 5.839$ is the 20% darker color. If you saturate the color by 10%, you get $54, 16.347, 7.767$, and if you desaturate by 10%, it is $63, 2.932, 5.525$.

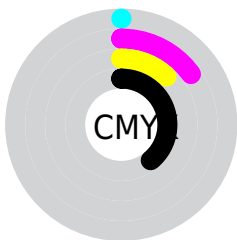
Distribution



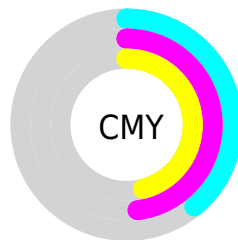
- Red (62%)
- Green (53%)
- Blue (54%)



- Red (62%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 9.473, 6.589 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 58, 9.473, 6.589 by changing the saturation by 10% instead.

■ 58, 9.473, 6.589

■ 58, 9.473, 6.589

■ 100, 9.473, 6.589

■ 48, 9.473, 6.589

■ 78, 9.473, 6.589

■ 38, 9.473, 6.589

■ 88, 9.473, 6.589

■ 28, 9.473, 6.589

■ 98, 9.473, 6.589

■ 18, 9.473, 6.589

■ 8, 9.473, 6.589

■ 0, 9.473, 6.589

■ 58, 9.473, 6.589

■ 58, 9.473, 6.589

■ 54, 16.347, 7.767

■ 63, 2.932, 5.525

■ 49, 23.505, 9.168

■ 67, 3.253, 184.976

45, 30.831, 10.884

72, 9.090, 184.171

42, 38.149, 13.026

76, 14.600,
183.520

39, 45.216, 15.726

81, 19.808,
182.951

36, 51.768, 19.120

34, 57.601, 23.295

86, 24.744,
182.442

33, 62.657, 28.149

90, 29.434,
181.984

32, 65.291, 30.621

94, 32.048,
184.684

94, 30.269,
196.901

Harmonies

Complementary

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



58, 9.473, 6.589



63, 8.907, 184.059

Rectangle

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



58, 9.473, 6.589



58, 9.473, 56.589



58, 9.473, 186.589



58, 9.473, 236.589

Sweetspot

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



58, 9.471, 6.597



80, 3.111, 5.452



58, 14.946, 319.939



42, 2.210, 5.540



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 9.471, 6.597



72, 14.549, 7.006



60, 7.567, 52.555



31, 3.624, 6.025



29, 60.721, 30.149



1, 4.614, 5.963

Inverse Universe

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



58, 9.471, 6.597



72, 14.549, 7.006



61, 7.007, 234.935



31, 3.624, 6.025



29, 60.721, 30.149



1, 4.614, 5.963

Previews

White Background



This preview shows how the CIELCh color 58, 9.473, 6.589 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 58, 9.473, 6.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

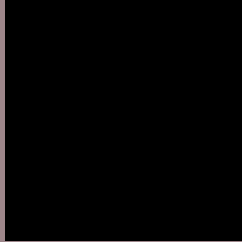
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 9.473, 6.589

Background



This preview shows how black text looks on a background with the CIELCh color 58, 9.473, 6.589.



This preview shows how white text looks on a background with the CIELCh color 58, 9.473, 6.589.

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


58, 9.473, 6.589

Protanopia

58, 1.646, 335.643

Deuteranopia

58, 7.770, 7.576



Tritanopia
58, 11.048, 349.754

Trichromacy



Original Color

58, 9.473, 6.589

Protanomaly

58, 4.304, 356.490

Deuteranomaly

58, 8.166, 8.249

Tritanomaly

58, 10.550, 355.116

Monochromacy



Original Color

58, 9.473, 6.589

Achromatopsia

59, 0.008, 296.813

Achromatomaly

58, 3.731, 2.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 9.473, 6.589 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(157, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 134, 138)  
}
```

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(157, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 134, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 9.473, 6.589 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(157, 134, 138) }
```

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

```
.border{ border-color:rgb(157, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 134,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 9.473, 6.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 134, 138) }
```

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

```
.background{ background-color: rgb(157,  
134, 138) }
```

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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