

Converting Colors

CIELCh(58, 4.358, 318.563)

Have a look what the booklet for
CIELCh(58, 4.358, 318.563) contains.

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Color

CIELCh(58, 3.949, 319.938)

Conversions

Conversions Part 1

Format	Color
Hex	8F8A90
RGB	143, 138, 144
RGB Percent	56%, 54%, 56%
CMY	0.4399, 0.4595, 0.4360
CMYK	0.01, 0.04, 0.00, 0.44
HSL	290°, 3%, 55%
HSV	290°, 4%, 56%
XYZ	25.3832, 25.9610, 29.9903
YIQ	140.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

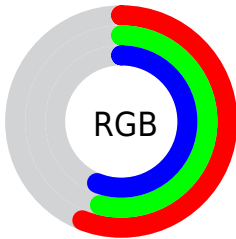
Format	Color
R_{YB}	143, 138, 144
Decimal	9407120
CIE _{Lab}	58.00, 3.02, -2.54
CIE _{LCh}	58, 3.949, 319.938
Yxy	25.9610, 0.3121, 0.3192
Android (android.graphics.Color)	4287597200 (0xFF8F8A90)
YUV	140.1790, 1.8838, 2.4740
Hunter-Lab	50.9519, -0.2407, 0.7683

Details

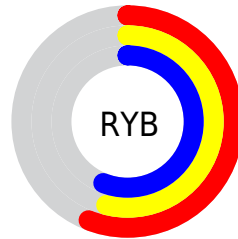
The CIELCh color $58, 3.949, 319.938$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 3.928, 139.654$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 4.373, 320.604$, and $38, 4.266, 320.037$ is the 20% darker color. If you saturate the color by 10%, you get $54, 13.516, 320.409$, and if you desaturate by 10%, it is $62, 5.444, 139.580$.

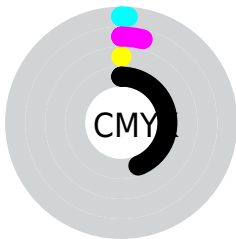
Distribution



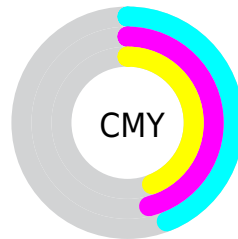
- Red (56%)
- Green (54%)
- Blue (56%)



- Red (56%)
- Yellow (54%)
- Blue (56%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 3.949, 319.938 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, 3.949, 319.938 by changing the saturation by 10% instead.

■ 58, 3.949, 319.938

■ 58, 3.949, 319.938

■ 100, 3.949,
319.938

■ 48, 3.949, 319.938

■ 78, 3.949, 319.938

■ 38, 3.949, 319.938

■ 88, 3.949, 319.938

■ 28, 3.949, 319.938

■ 98, 3.949, 319.938

■ 18, 3.949, 319.938

■ 8, 3.949, 319.938

■ 0, 3.949, 319.938

■ 58, 3.949, 319.938

■ 58, 3.949, 319.938

■ 54, 13.516,
320.409

■ 62, 5.444, 139.580

■ 66, 14.610,

50, 23.183,
320.859

139.148

46, 32.822,
321.294

71, 23.530,
138.755

42, 42.246,
321.696

75, 32.192,
138.390

39, 51.190,
322.039

79, 40.599,
138.052

36, 59.309,
322.293

83, 48.756,
137.741

34, 66.203,
322.423

87, 56.672,
137.456

32, 71.482,
322.391

92, 64.361,
137.196

30, 74.896,
322.169

92, 65.099,
136.688

Harmonies

Complementary

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



58, 3.949, 319.938



59, 3.928, 139.654

Rectangle

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



58, 3.949, 319.938



58, 3.949, 9.938



58, 3.949, 139.938



58, 3.949, 189.938

Sweetspot

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



58, 3.947, 319.936



75, 1.171, 319.666



58, 2.815, 281.884



40, 0.671, 319.651



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 3.947, 319.936



73, 5.846, 319.985



58, 3.324, 335.164



29, 3.191, 320.005



27, 73.100, 322.041



1, 3.576, 319.794

Inverse Universe

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



58, 2.434, 6.009



73, 3.611, 6.122



59, 3.306, 154.770



29, 1.973, 6.168



27, 58.449, 30.356



0, 2.189, 5.816

Previews

White Background



This preview shows how the CIELCh color 58, 3.949, 319.938 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, 3.949, 319.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

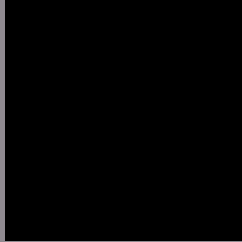
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

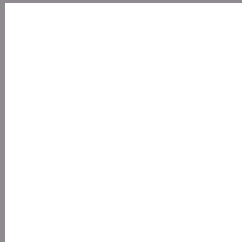
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 3.949, 319.938

Background



This preview shows how black text looks on a background with the CIELCh color 58, 3.949, 319.938.



This preview shows how white text looks on a background with the CIELCh color 58, 3.949, 319.938.

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, 3.949, 319.938

Protanopia

58, 2.879, 298.220

Deuteranopia

58, 8.111, 341.208



Tritanopia
58, 6.703, 310.933

Trichromacy



Original Color
58, 3.949, 319.938

Protanomaly
58, 2.960, 305.644

Deuteranomaly
58, 6.557, 336.177

Tritanomaly
58, 5.651, 314.892

Monochromacy



Original Color
58, 3.949, 319.938

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 1.392, 324.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 3.949, 319.938 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(143, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 138, 144)  
}
```

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(143, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 138, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 3.949, 319.938 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(143, 138, 144) }
```

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

```
.border{ border-color:rgb(143, 138, 144) }
```

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

Here you see how a box with a 4 pixel rgb(143, 138, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 138,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 3.949, 319.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 138, 144) }
```

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

```
.background{ background-color: rgb(143,  
138, 144) }
```

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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