

Converting Colors

CIELCh(59, 9.722, 333.747)

Have a look what the booklet for
CIELCh(59, 9.722, 333.747) contains.

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Color

CIELCh(59, 9.912, 332.460)

Conversions

Conversions Part 1

Format	Color
Hex	9A8996
RGB	154, 137, 150
RGB Percent	60%, 54%, 59%
CMY	0.3955, 0.4621, 0.4111
CMYK	0.00, 0.11, 0.03, 0.40
HSL	314°, 8%, 57%
HSV	314°, 11%, 60%
XYZ	27.8418, 27.0277, 32.6698
YIQ	143.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

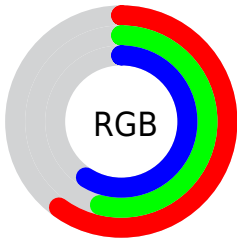
Format	Color
R_{YB}	154, 137, 150
Decimal	10127766
CIE _{Lab}	59.00, 8.79, -4.58
CIE _{LCh}	59, 9.912, 332.460
Yxy	27.0277, 0.3180, 0.3087
Android (android.graphics.Color)	4288317846 (0xFF9A8996)
YUV	143.5650, 3.1725, 9.1515
Hunter-Lab	51.9882, 4.6145, -0.8666

Details

The CIELCh color $59, 9.912, 332.460$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.872, 151.096$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 10.004, 331.831$, and $39, 9.947, 333.278$ is the 20% darker color. If you saturate the color by 10%, you get $55, 18.986, 333.131$, and if you desaturate by 10%, it is $63, 0.922, 331.575$.

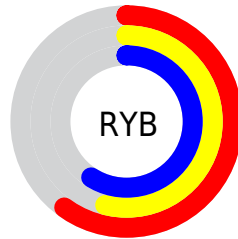
Distribution



Red (60%)

Green (54%)

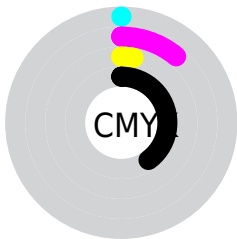
Blue (59%)



Red (60%)

Yellow (54%)

Blue (59%)

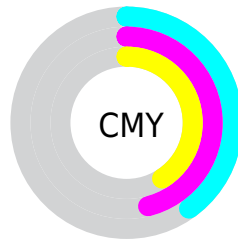


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 9.912, 332.460 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 59, 9.912, 332.460 by changing the saturation by 10% instead.

■ 59, 9.912, 332.460

■ 59, 9.912, 332.460

■ 100, 9.912,
332.460

■ 49, 9.912, 332.460

■ 79, 9.912, 332.460

■ 39, 9.912, 332.460

■ 89, 9.912, 332.460

■ 29, 9.912, 332.460

■ 99, 9.912, 332.460

■ 19, 9.912, 332.460

■ 9, 9.912, 332.460

■ 0, 9.912, 332.460

■ 59, 9.912, 332.460

■ 59, 9.912, 332.460

■ 55, 18.986,
333.131

■ 63, 0.922, 331.575

■ 68, 7.892, 151.295

51, 28.014,
333.823

72, 16.483,
150.709

47, 36.789,
334.545

76, 24.827,
150.164

44, 45.031,
335.304

81, 32.917,
149.651

41, 52.383,
336.111

85, 40.756,
149.168

38, 58.446,
336.985

90, 48.355,
148.712

36, 62.845,
337.957

92, 52.617,
148.882

35, 65.344,
339.069

92, 51.189,
150.192

34, 66.387,
340.176

Harmonies

Complementary

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



59, 9.912, 332.460



62, 9.872, 151.096

Rectangle

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



59, 9.912, 332.460



59, 9.912, 22.460



59, 9.912, 152.460



59, 9.912, 202.460

Sweetspot

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



59, 9.910, 332.461



80, 3.336, 331.889



58, 9.820, 300.000



42, 2.550, 331.957



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 9.910, 332.461



74, 14.547, 332.610



59, 7.203, 359.294



30, 5.041, 332.340



31, 62.042, 340.053



1, 5.363, 332.268

Inverse Universe

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



59, 9.910, 332.461



74, 14.547, 332.610



62, 6.958, 177.376



30, 5.041, 332.340



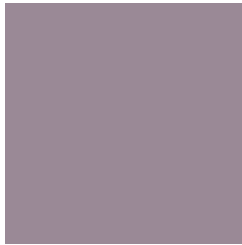
31, 62.042, 340.053



1, 5.363, 332.268

Previews

White Background



This preview shows how the CIE LCh color 59, 9.912, 332.460 looks on a white background.

Color Contrast Check

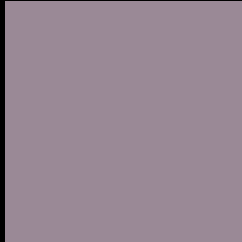
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 9.912, 332.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

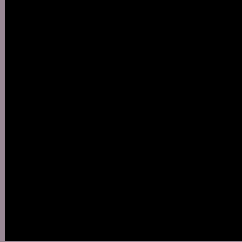
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 9.912, 332.460

Background



This preview shows how black text looks on a background with the CIELCh color 59, 9.912, 332.460.



This preview shows how white text looks on a background with the CIELCh color 59, 9.912, 332.460.

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

59, 9.912, 332.460

Protanopia

59, 6.823, 294.127

Deuteranopia

59, 8.725, 329.117



Tritanopia
59, 9.115, 337.256

Trichromacy



Original Color
59, 9.912, 332.460

Protanomaly
59, 7.211, 309.397

Deuteranomaly
59, 8.971, 331.095

Tritanomaly
59, 9.505, 334.755

Monochromacy



Original Color
59, 9.912, 332.460

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.268, 335.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 9.912, 332.460 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(154, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 150)  
}
```

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(154, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 9.912, 332.460 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(154, 137, 150) }
```

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

```
.border{ border-color:rgb(154, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 9.912, 332.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 150) }
```

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

```
.background{ background-color: rgb(154,  
137, 150) }
```

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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