

Converting Colors

CIELCh(59, 12.026, 321.881)

Have a look what the booklet for
CIELCh(59, 12.026, 321.881)
contains.

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Color

CIELCh(59, 11.944, 321.928)

Conversions

Conversions Part 1

Format	Color
Hex	99899B
RGB	153, 137, 155
RGB Percent	60%, 54%, 61%
CMY	0.4000, 0.4628, 0.3922
CMYK	0.01, 0.12, 0.00, 0.39
HSL	293°, 8%, 57%
HSV	293°, 12%, 61%
XYZ	27.9965, 27.0277, 34.7491
YIQ	143.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

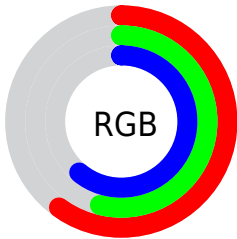
Format	Color
R _Y B	153, 137, 155
Decimal	10062235
CIE Lab	59.00, 9.40, -7.37
CIE LCh	59, 11.944, 321.928
Yxy	27.0277, 0.3119, 0.3011
Android (android.graphics.Color)	4288252315 (0xFF99899B)
YUV	143.8360, 5.5039, 8.0368
Hunter-Lab	51.9882, 5.1456, -3.2379

Details

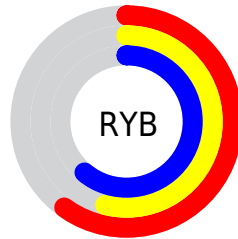
The CIELCh color $59, 11.944, 321.928$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 11.897, 140.829$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 11.929, 321.983$, and $39, 12.129, 321.935$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.343, 322.406$, and if you desaturate by 10%, it is $63, 1.649, 321.359$.

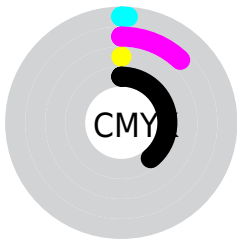
Distribution



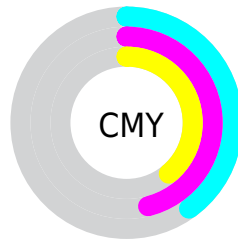
- Red (60%)
- Green (54%)
- Blue (61%)



- Red (60%)
- Yellow (54%)
- Blue (61%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 11.944, 321.928 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, 11.944, 321.928 by changing the saturation by 10% instead.

■ 59, 11.944,
321.928

■ 59, 11.944,
321.928

■ 100, 11.944,
321.928

■ 49, 11.944,
321.928

■ 79, 11.944,
321.928

■ 39, 11.944,
321.928

■ 89, 11.944,
321.928

■ 29, 11.944,
321.928

■ 99, 11.944,
321.928

■ 19, 11.944,
321.928

■ 9, 11.944, 321.928

■ 0, 11.944, 321.928

59, 11.944,
321.928

59, 11.944,
321.928

55, 22.343,
322.406

63, 1.649, 321.359

51, 32.714,
322.868

68, 8.448, 141.041

47, 42.852,
323.301

72, 18.299,
140.591

44, 52.474,
323.682

76, 27.876,
140.172

40, 61.219,
323.986

81, 37.171,
139.780

38, 68.669,
324.184

85, 46.183,
139.416


36, 74.425,
324.248


90, 54.920,
139.078

34, 78.215,

93, 60.023,
138.721

324.155

 93, 59.704,
138.292

 33, 80.293,
323.992

Harmonies

Complementary

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



59, 11.944, 321.928



62, 11.897, 140.829

Rectangle

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



59, 11.944, 321.928



59, 11.944, 11.928



59, 11.944, 141.928



59, 11.944, 191.928

Sweetspot

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



59, 11.942, 321.928



80, 3.799, 321.481



58, 9.058, 286.284



42, 2.904, 321.530



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, 11.942, 321.928



74, 17.857, 322.056



59, 9.439, 338.680



30, 5.742, 321.811



30, 74.631, 324.028



1, 6.144, 321.078

Inverse Universe

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



59, 7.260, 11.171



73, 10.929, 11.438



62, 9.358, 157.027



30, 3.470, 10.935



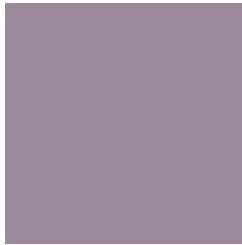
28, 62.355, 34.149



1, 3.648, 10.394

Previews

White Background



This preview shows how the CIELCh color 59, 11.944, 321.928 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 CIELCh color 59, 11.944, 321.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

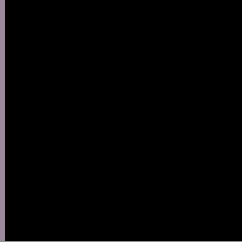
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 11.944, 321.928

Background



This preview shows how black text looks on a background with the CIELCh color 59, 11.944, 321.928.



This preview shows how white text looks on a background with the CIELCh color 59, 11.944, 321.928.

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, 11.944, 321.928

Protanopia

59, 9.640, 289.078

Deuteranopia

59, 10.718, 316.355



Tritanopia
59, 8.295, 331.567

Trichromacy



Original Color
59, 11.944, 321.928

Protanomaly
59, 9.853, 302.217

Deuteranomaly
59, 10.886, 318.192

Tritanomaly
59, 9.171, 326.908

Monochromacy



Original Color
59, 11.944, 321.928

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 4.618, 320.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 11.944, 321.928 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, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 155)  
}
```

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, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 11.944, 321.928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

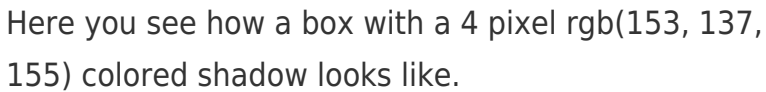
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 137, 155) }
```

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

```
.border{ border-color:rgb(153, 137, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 11.944, 321.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 155) }
```

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

```
.background{ background-color: rgb(153,  
137, 155) }
```

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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