

Converting Colors

CIELCh(59, 12.055, 325.708)

Have a look what the booklet for
CIELCh(59, 12.055, 325.708)
contains.

CIELCh(59, 11.676, 325.014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 11.676, 325.014)

Conversions

Conversions Part 1

Format	Color
Hex	9A899A
RGB	154, 137, 154
RGB Percent	60%, 54%, 60%
CMY	0.3967, 0.4634, 0.3967
CMYK	0.00, 0.11, 0.00, 0.40
HSL	300°, 8%, 57%
HSV	300°, 11%, 60%
XYZ	28.0377, 27.0277, 34.2401
YIQ	144.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

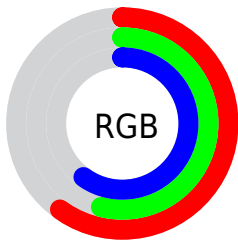
Format	Color
RYB	154, 137, 154
Decimal	10127770
CIELab	59.00, 9.57, -6.69
CIELCh	59, 11.676, 325.014
Yxy	27.0277, 0.3140, 0.3026
Android (android.graphics.Color)	4288317850 (0xFF9A899A)
YUV	144.0210, 4.9196, 8.7516
Hunter-Lab	51.9882, 5.2872, -2.6574

Details

The CIELCh color $59, 11.676, 325.014$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 11.659, 143.817$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 11.678, 324.892$, and $39, 11.834, 325.226$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.314, 325.556$, and if you desaturate by 10%, it is $63, 1.105, 324.306$.

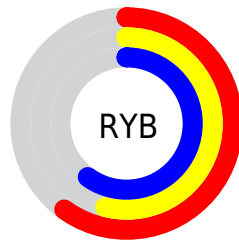
Distribution



Red (60%)

Green (54%)

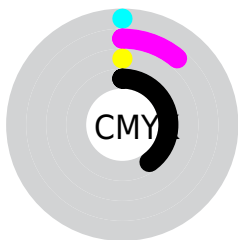
Blue (60%)



Red (60%)

Yellow (54%)

Blue (60%)

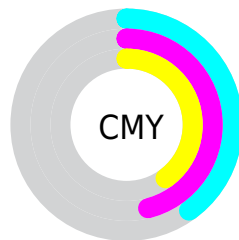


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (40%)



Cyan (40%)


Magenta (46%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 11.676, 325.014 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, 11.676, 325.014 by changing the saturation by 10% instead.


 59, 11.676,
325.014


 59, 11.676,
325.014


 100, 11.676,
325.014


 49, 11.676,
325.014


 79, 11.676,
325.014

 39, 11.676,
325.014

 89, 11.676,
325.014

 29, 11.676,
325.014

 99, 11.676,
325.014

 19, 11.676,
325.014

 9, 11.676, 325.014

 0, 11.676, 325.014

59, 11.676,
325.014

59, 11.676,
325.014

55, 22.314,
325.556

63, 1.105, 324.306

51, 32.859,
326.081

67, 9.283, 143.996

48, 43.073,
326.578

72, 19.422,
143.474

45, 52.647,
327.033

76, 29.273,
142.981

42, 61.211,
327.430

80, 38.820,
142.514

40, 68.374,
327.755

85, 48.061,
142.074

38, 73.799,
327.995

89, 57.002,
141.661

37, 77.303,

92, 62.921,
141.396

328.148

■ 92, 62.921,
141.396

■ 36, 79.244,
328.232

Harmonies

Complementary

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



59, 11.676, 325.014



62, 11.659, 143.817

Rectangle

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



59, 11.676, 325.014



59, 11.676, 15.014



59, 11.676, 145.014



59, 11.676, 195.014

Sweetspot

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



59, 11.674, 325.014



79, 3.893, 324.539



58, 9.523, 290.652



41, 2.944, 324.593



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 11.674, 325.014



74, 16.955, 325.135



59, 8.326, 343.618



30, 5.940, 324.913



33, 74.069, 328.232



1, 6.386, 324.438

Inverse Universe

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



59, 6.800, 20.037



73, 9.949, 20.211



62, 8.217, 161.908



30, 3.439, 19.895



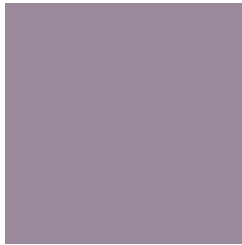
28, 66.113, 39.049



1, 3.595, 19.404

Previews

White Background



This preview shows how the CIELCh color 59, 11.676, 325.014 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, 11.676, 325.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

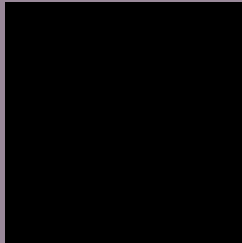
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 11.676, 325.014

Background



This preview shows how black text looks on a background with the CIELCh color 59, 11.676, 325.014.



This preview shows how white text looks on a background with the CIELCh color 59, 11.676, 325.014.

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, 11.676, 325.014

Protanopia

59, 8.509, 288.644

Deuteranopia

59, 10.389, 319.619



Tritanopia
59, 8.555, 333.573

Trichromacy



Original Color
59, 11.676, 325.014

Protanomaly
59, 9.397, 305.113

Deuteranomaly
59, 10.577, 321.466

Tritanomaly
59, 9.403, 328.846

Monochromacy



Original Color
59, 11.676, 325.014

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 4.826, 324.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 11.676, 325.014 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, 154)` looks like.

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

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, 154) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 59, 11.676, 325.014 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, 154) }
```

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

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

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, 154)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 59, 11.676, 325.014 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, 154) }
```

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

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

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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