

Converting Colors

CIELCh(59, 10.310, 51.980)

Have a look what the booklet for
CIELCh(59, 10.310, 51.980) contains.

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Color

CIELCh(59, 10.352, 52.941)

Conversions

Conversions Part 1	
Format	Color
Hex	9F8A80
RGB	159, 138, 128
RGB Percent	62%, 54%, 50%
CMY	0.3772, 0.4595, 0.4988
CMYK	0.00, 0.13, 0.20, 0.38
HSL	19°, 14%, 56%
HSV	19°, 20%, 62%
XYZ	27.2052, 27.0277, 24.1411
YIQ	143.1390, 15.7260, 1.3420

Conversions

Conversions Part 2

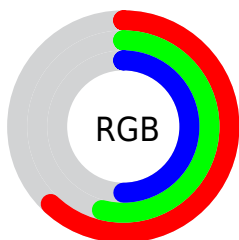
Format	Color
RYB	159, 143, 128
Decimal	10455680
CIELab	59.00, 6.24, 8.26
CIELCh	59, 10.352, 52.941
Yxy	27.0277, 0.3471, 0.3449
Android (android.graphics.Color)	4288645760 (0xFF9F8A80)
YUV	143.1390, -7.4635, 13.9101
Hunter-Lab	51.9882, 2.4288, 8.8600

Details

The CIELCh color `59, 10.352, 52.941` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `60, 9.330, 236.235`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 10.315, 50.884`, and `39, 10.256, 52.454` is the 20% darker color. If you saturate the color by 10%, you get `56, 16.242, 52.337`, and if you desaturate by 10%, it is `62, 4.868, 53.597`.

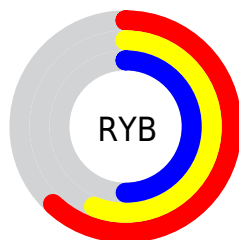
Distribution



Red (62%)

Green (54%)

Blue (50%)



Red (62%)

Yellow (56%)

Blue (50%)

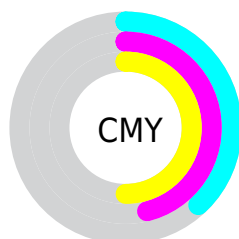


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 10.352, 52.941 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, 10.352, 52.941 by changing the saturation by 10% instead.

 59, 10.352, 52.941

 59, 10.352, 52.941

 100, 10.352,
52.941

 49, 10.352, 52.941

 79, 10.352, 52.941

 39, 10.352, 52.941

 89, 10.352, 52.941

 29, 10.352, 52.941

 99, 10.352, 52.941

 19, 10.352, 52.941

 9, 10.352, 52.941

 0, 10.352, 52.941

 59, 10.352, 52.941

 59, 10.352, 52.941

 56, 16.242, 52.337

 62, 4.868, 53.597

 53, 22.569, 51.792

 66, 0.244, 236.118


 50, 29.342, 51.338

 69, 5.024, 235.254


 47, 36.536, 50.980

 72, 9.509, 235.986

 44, 44.050, 50.693


 76, 13.735,
236.746

 42, 51.635, 50.380


 79, 17.733,
237.507


 39, 58.732, 49.795

 37, 64.948, 48.971

 82, 21.531,
238.260

 37, 65.275, 48.971

 86, 25.154,
238.997

 89, 25.192,
223.201

Harmonies

Complementary

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



59, 10.352, 52.941



60, 9.330, 236.235

Rectangle

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



59, 10.352, 52.941



59, 10.352, 102.941



59, 10.352, 232.941



59, 10.352, 282.941

Sweetspot

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



59, 10.352, 52.953



80, 3.756, 53.793



57, 17.044, 336.317



43, 2.517, 53.761



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 10.352, 52.953



74, 15.331, 52.705



63, 14.248, 99.213



32, 2.880, 53.614



34, 60.144, 49.258



2, 3.665, 52.303

Inverse Universe

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



60, 9.330, 236.235



76, 13.498, 236.700



56, 14.587, 283.831



32, 2.751, 235.228



39, 32.651, 259.066



2, 3.673, 238.710

Previews

White Background



This preview shows how the CIELCh color 59, 10.352, 52.941 looks on a white background.

Color Contrast Check

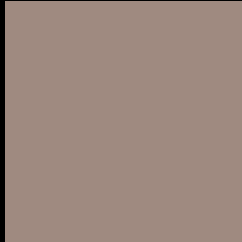
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.352, 52.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

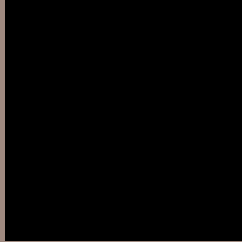
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 10.352, 52.941

Background



This preview shows how black text looks on a background with the CIELCh color 59, 10.352, 52.941.



This preview shows how white text looks on a background with the CIELCh color 59, 10.352, 52.941.

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, 10.352, 52.941

Protanopia

59, 7.179, 89.625

Deuteranopia

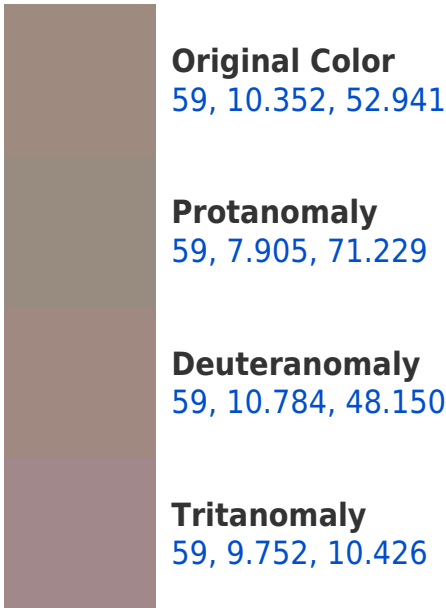
59, 11.159, 47.160



Tritanopia

59, 11.973, 349.453

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 10.352, 52.941 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(159, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 138, 128)  
}
```

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(159, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 138, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 10.352, 52.941 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(159, 138, 128) }
```

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

```
.border{ border-color:rgb(159, 138, 128) }
```

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

Here you see how a box with a 4 pixel rgb(159, 138, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 138,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 10.352, 52.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 138, 128) }
```

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

```
.background{ background-color: rgb(159,  
138, 128) }
```

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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