

Converting Colors

CIELCh(59, 11.068, 78.350)

Have a look what the booklet for
CIELCh(59, 11.068, 78.350) contains.

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Color

CIELCh(59, 11.228, 77.945)

Conversions

Conversions Part 1

Format	Color
Hex	9A8C7B
RGB	154, 140, 123
RGB Percent	60%, 55%, 48%
CMY	0.3964, 0.4512, 0.5179
CMYK	0.00, 0.09, 0.20, 0.40
HSL	33°, 13%, 54%
HSV	33°, 20%, 60%
XYZ	26.2522, 27.0277, 22.5504
YIQ	142.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

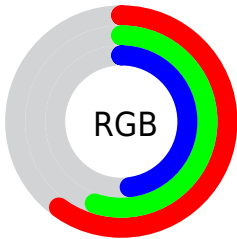
Format	Color
R _Y B	149, 154, 123
Decimal	10128507
CIE Lab	59.00, 2.34, 10.98
CIE LCh	59, 11.228, 77.945
Yxy	27.0277, 0.3462, 0.3564
Android (android.graphics.Color)	4288318587 (0xFF9A8C7B)
YUV	142.2480, -9.4893, 10.3065
Hunter-Lab	51.9882, -0.8434, 10.6741

Details

The CIELCh color $59, 11.228, 77.945$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 10.828, 263.363$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 11.405, 76.468$, and $39, 11.467, 77.393$ is the 20% darker color. If you saturate the color by 10%, you get $57, 17.129, 76.676$, and if you desaturate by 10%, it is $61, 5.544, 79.191$.

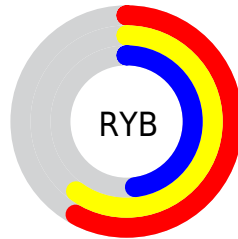
Distribution



Red (60%)

Green (55%)

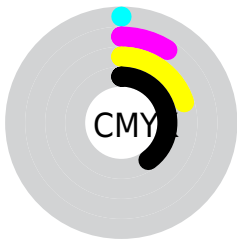
Blue (48%)



Red (58%)

Yellow (60%)

Blue (48%)

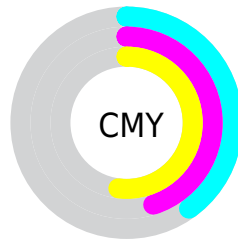


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 11.228, 77.945 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, 11.228, 77.945 by changing the saturation by 10% instead.

■ 59, 11.228, 77.945

■ 59, 11.228, 77.945

■ 100, 11.228,
77.945

■ 49, 11.228, 77.945

■ 79, 11.228, 77.945

■ 39, 11.228, 77.945

■ 89, 11.228, 77.945

■ 29, 11.228, 77.945

■ 99, 11.228, 77.945

■ 19, 11.228, 77.945

■ 9, 11.228, 77.945

■ 0, 11.228, 77.945

■ 59, 11.228, 77.945

■ 59, 11.228, 77.945

■ 57, 17.129, 76.676

■ 61, 5.544, 79.191

■ 55, 23.243, 75.367

■ 64, 0.067, 76.399

■ 53, 29.544, 74.030

■ 66, 5.221, 261.708

■ 50, 35.957, 72.651

■ 68, 10.335,
262.830

■ 49, 42.316, 71.188

■ 71, 15.294,
263.924

■ 47, 48.300, 69.548

■ 45, 53.347, 67.545

■ 73, 20.114,
264.975

■ 43, 57.369, 65.289

■ 75, 24.810,
265.981

■ 78, 29.395,
266.938

■ 80, 30.925,
264.471

Harmonies

Complementary

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



59, 11.228, 77.945



56, 10.828, 263.363

Rectangle

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



59, 11.228, 77.945



59, 11.228, 127.945



59, 11.228, 257.945



59, 11.228, 307.945

Sweetspot

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



59, 11.229, 77.955



79, 4.012, 79.655



55, 14.842, 347.256



41, 2.657, 79.591



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, 11.229, 77.955



74, 16.629, 77.406



63, 17.198, 109.693



31, 3.071, 79.299



39, 53.546, 65.609



2, 3.251, 79.548

Inverse Universe

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



56, 10.828, 263.363



70, 15.894, 264.102



53, 17.997, 293.573



31, 3.028, 261.732



28, 49.744, 287.447



1, 3.299, 261.242

Previews

White Background



This preview shows how the CIELCh color 59, 11.228, 77.945 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, 11.228, 77.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

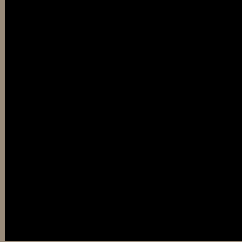
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 11.228, 77.945

Background



This preview shows how black text looks on a background with the CIELCh color 59, 11.228, 77.945.



This preview shows how white text looks on a background with the CIELCh color 59, 11.228, 77.945.

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, 11.228, 77.945

Protanopia

59, 10.540, 93.153

Deuteranopia

59, 12.807, 54.924



Tritanopia
59, 10.325, 343.446

Trichromacy



Original Color
59, 11.228, 77.945

Protanomaly
59, 10.438, 85.806

Deuteranomaly
59, 11.822, 61.691

Tritanomaly
59, 7.618, 15.898

Monochromacy



Original Color
59, 11.228, 77.945

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 3.917, 79.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 11.228, 77.945 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, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 123)  
}
```

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, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 11.228, 77.945 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, 140, 123) }
```

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

```
.border{ border-color:rgb(154, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 11.228, 77.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 123) }
```

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

```
.background{ background-color: rgb(154,  
140, 123) }
```

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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