

Converting Colors

CIELCh(59, 12.103, 30.175)

Have a look what the booklet for
CIELCh(59, 12.103, 30.175) contains.

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Color

CIELCh(59, 11.996, 28.624)

Conversions

Conversions Part 1

Format	Color
Hex	A48784
RGB	164, 135, 132
RGB Percent	64%, 53%, 52%
CMY	0.3555, 0.4692, 0.4810
CMYK	0.00, 0.18, 0.19, 0.36
HSL	6°, 15%, 58%
HSV	6°, 19%, 64%
XYZ	28.2820, 27.0277, 25.6768
YIQ	143.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

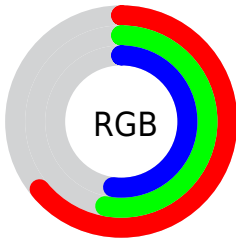
Format	Color
R_YB	164, 135, 132
Decimal	10782596
CIE _{Lab}	59.00, 10.53, 5.75
CIE _{LCh}	59, 11.996, 28.624
Yxy	27.0277, 0.3492, 0.3337
Android (android.graphics.Color)	4288972676 (0xFFA48784)
YUV	143.3290, -5.5852, 18.1285
Hunter-Lab	51.9882, 6.1260, 7.1086

Details

The CIELCh color **59, 11.996, 28.624** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **64, 10.538, 207.735**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 11.955, 27.934**, and **39, 12.167, 26.782** is the 20% darker color. If you saturate the color by 10%, you get **55, 18.902, 29.241**, and if you desaturate by 10%, it is **63, 5.605, 28.174**.

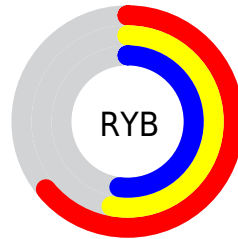
Distribution



Red (64%)

Green (53%)

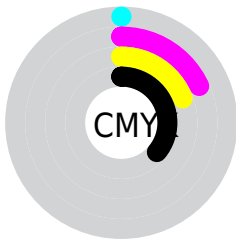
Blue (52%)



Red (64%)

Yellow (53%)

Blue (52%)

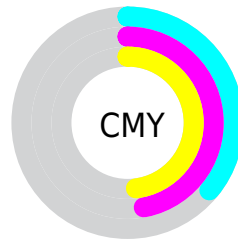


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (36%)



Cyan (36%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 11.996, 28.624 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, 11.996, 28.624 by changing the saturation by 10% instead.

■ 59, 11.996, 28.624

■ 59, 11.996, 28.624

■ 100, 11.996,
28.624

■ 49, 11.996, 28.624

■ 79, 11.996, 28.624

■ 39, 11.996, 28.624

■ 89, 11.996, 28.624

■ 29, 11.996, 28.624

■ 99, 11.996, 28.624

■ 19, 11.996, 28.624

■ 9, 11.996, 28.624

■ 0, 11.996, 28.624

■ 59, 11.996, 28.624

■ 59, 11.996, 28.624

■ 55, 18.902, 29.241

■ 63, 5.605, 28.174

■ 51, 26.330, 30.075

■ 68, 0.295, 209.611

47, 34.246, 31.202

72, 5.747, 207.893

43, 42.557, 32.688

77, 10.796,
207.758

40, 51.088, 34.567

81, 15.488,
207.707

38, 59.525, 36.778

36, 67.230, 39.000

86, 19.864,
207.705

35, 73.420, 40.969

90, 23.964,
207.738

35, 73.722, 41.095

94, 28.088,
198.232

95, 28.259,
197.676

Harmonies

Complementary

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



59, 11.996, 28.624



64, 10.538, 207.735

Rectangle

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



59, 11.996, 28.624



59, 11.996, 78.624



59, 11.996, 208.624



59, 11.996, 258.624

Sweetspot

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



59, 11.995, 28.633



82, 4.342, 28.018



59, 20.594, 327.859



43, 2.882, 28.049



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 11.995, 28.633



73, 17.854, 28.850



63, 11.751, 81.395



32, 3.322, 28.165



30, 66.770, 40.820



1, 5.035, 27.114

Inverse Universe

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



64, 10.538, 207.735



81, 15.236, 207.708



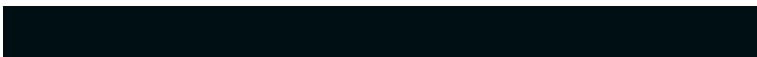
60, 11.459, 266.665



34, 3.133, 207.902



50, 29.546, 212.616



4, 4.883, 210.828

Previews

White Background



This preview shows how the CIELCh color 59, 11.996, 28.624 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, 11.996, 28.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

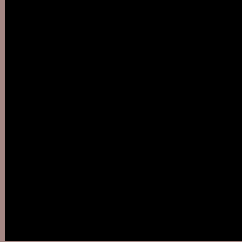
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 11.996, 28.624

Background



This preview shows how black text looks on a background with the CIELCh color 59, 11.996, 28.624.



This preview shows how white text looks on a background with the CIELCh color 59, 11.996, 28.624.

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, 11.996, 28.624

Protanopia

59, 3.726, 84.520

Deuteranopia

59, 9.807, 36.894



Tritanopia
59, 13.880, 356.990

Trichromacy



Original Color
59, 11.996, 28.624

Protanomaly
59, 5.931, 48.115

Deuteranomaly
59, 10.871, 32.326

Tritanomaly
59, 12.860, 5.565

Monochromacy



Original Color
59, 11.996, 28.624

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 3.993, 27.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 11.996, 28.624 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(164, 135, 132)` looks like.

```
.text, #text, p{  
    color:rgb(164, 135, 132)  
}
```

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(164, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 11.996, 28.624 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(164, 135, 132) }
```

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

```
.border{ border-color:rgb(164, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 135, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 135, 132);  
box-shadow:4px 4px 4px 4px rgb(164, 135,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 11.996, 28.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 135, 132) }
```

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

```
.background{ background-color: rgb(164,  
135, 132) }
```

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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