

Converting Colors

CIELCh(59, 19.636, 31.128)

Have a look what the booklet for
CIELCh(59, 19.636, 31.128) contains.

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Color

CIELCh(59, 19.669, 31.137)

Conversions

Conversions Part 1

Format	Color
Hex	B1837D
RGB	177, 131, 125
RGB Percent	69%, 51%, 49%
CMY	0.3062, 0.4866, 0.5101
CMYK	0.00, 0.26, 0.29, 0.31
HSL	7°, 25%, 59%
HSV	7°, 29%, 69%
XYZ	29.9152, 27.0277, 23.0166
YIQ	144.0700, 29.3420, 7.8860

Conversions

Conversions Part 2

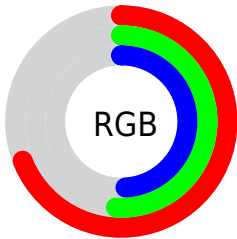
Format	Color
RYB	177, 132, 125
Decimal	11633533
CIELab	59.00, 16.84, 10.17
CIElCh	59, 19.669, 31.137
Yxy	27.0277, 0.3741, 0.3380
Android (android.graphics.Color)	4289823613 (0xFFB1837D)
YUV	144.0700, -9.4015, 28.8796
Hunter-Lab	51.9882, 11.7334, 10.1425

Details

The CIELCh color **59, 19.669, 31.137** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **67, 16.009, 210.202**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 19.827, 30.109**, and **39, 19.733, 30.902** is the 20% darker color. If you saturate the color by 10%, you get **55, 27.442, 31.858**, and if you desaturate by 10%, it is **63, 12.453, 30.641**.

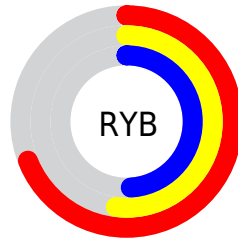
Distribution



Red (69%)

Green (51%)

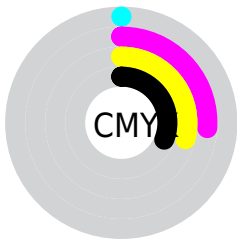
Blue (49%)



Red (69%)

Yellow (52%)

Blue (49%)

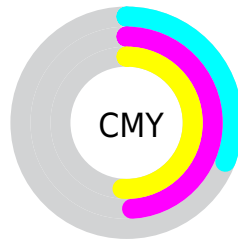


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.669, 31.137 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, 19.669, 31.137 by changing the saturation by 10% instead.

■ 59, 19.669, 31.137

■ 59, 19.669, 31.137

■ 100, 19.669,
31.137

■ 49, 19.669, 31.137

■ 79, 19.669, 31.137

■ 39, 19.669, 31.137

■ 89, 19.669, 31.137

■ 29, 19.669, 31.137

■ 99, 19.669, 31.137

■ 19, 19.669, 31.137

■ 9, 19.669, 31.137

■ 0, 19.669, 31.137

■ 59, 19.669, 31.137

■ 59, 19.669, 31.137

■ 55, 27.442, 31.858

■ 63, 12.453, 30.641

■ 51, 35.749, 32.848

■ 68, 5.788, 30.277

47, 44.504, 34.170

72, 0.363, 211.574

44, 53.531, 35.852

77, 6.043, 210.170

41, 62.496, 37.821

82, 11.302,
210.113

39, 70.700, 39.752

86, 16.187,
210.135

38, 77.235, 41.346

38, 77.635, 41.492

91, 20.744,
210.204

95, 24.853,
197.885

Harmonies

Complementary

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



59, 19.669, 31.137



67, 16.009, 210.202

Rectangle

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



59, 19.669, 31.137



59, 19.669, 81.137



59, 19.669, 211.137



59, 19.669, 261.137

Sweetspot

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



59, 19.668, 31.143



86, 6.849, 30.269



59, 32.600, 328.959



45, 4.782, 30.317



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 19.668, 31.143



72, 29.679, 31.558



65, 19.370, 81.623



35, 3.516, 30.275



32, 69.246, 41.402



3, 8.408, 27.520

Inverse Universe

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



67, 16.009, 210.202



84, 22.971, 210.333



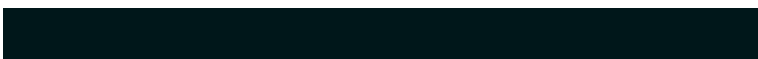
60, 18.745, 269.992



37, 3.313, 210.175



52, 30.197, 216.999



6, 7.882, 215.807

Previews

White Background



This preview shows how the CIELCh color 59, 19.669, 31.137 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, 19.669, 31.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

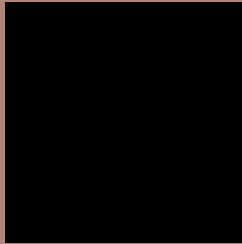
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 19.669, 31.137

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.669, 31.137.



This preview shows how white text looks on a background with the CIELCh color 59, 19.669, 31.137.

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, 19.669, 31.137

Protanopia

59, 6.648, 88.094

Deuteranopia

59, 13.161, 53.886



Tritanopia
59, 20.519, 5.890

Trichromacy



Original Color
59, 19.669, 31.137

Protanomaly
59, 10.031, 50.360

Deuteranomaly
59, 15.233, 44.464

Tritanomaly
59, 19.770, 15.076

Monochromacy



Original Color
59, 19.669, 31.137

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 6.908, 29.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.669, 31.137 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(177, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(177, 131, 125)  
}
```

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(177, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 131, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.669, 31.137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

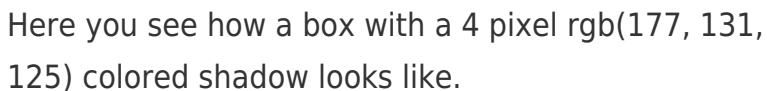
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 131, 125) }
```

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

```
.border{ border-color:rgb(177, 131, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 131, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 131, 125); box-shadow:4px 4px 4px 4px rgb(177, 131, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.669, 31.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 131, 125) }
```

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

```
.background{ background-color: rgb(177,  
131, 125) }
```

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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