

Converting Colors

CIELCh(59, 31.829, 31.295)

Have a look what the booklet for
CIELCh(59, 31.829, 31.295) contains.

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Color

CIELCh(59, 31.731, 31.718)

Conversions

Conversions Part 1

Format	Color
Hex	C37B72
RGB	195, 123, 114
RGB Percent	76%, 48%, 45%
CMY	0.2348, 0.5172, 0.5525
CMYK	0.00, 0.37, 0.42, 0.23
HSL	7°, 40%, 61%
HSV	7°, 42%, 77%
XYZ	32.6760, 27.0277, 19.4451
YIQ	143.5020, 45.8010, 12.4650

Conversions

Conversions Part 2

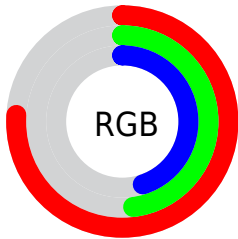
Format	Color
R_{YB}	195, 124, 114
Decimal	12811122
CIE Lab	59.00, 26.99, 16.68
CIE LCh	59, 31.731, 31.718
Yxy	27.0277, 0.4128, 0.3415
Android (android.graphics.Color)	4291001202 (0xFFC37B72)
YUV	143.5020, -14.5445, 45.1637
Hunter-Lab	51.9882, 21.2127, 14.2155

Details

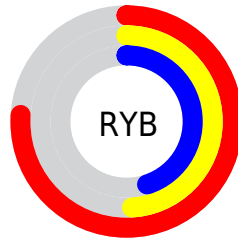
The CIELCh color **59, 31.731, 31.718** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 23.297, 209.995**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.922, 31.391**, and **39, 31.906, 31.656** is the 20% darker color. If you saturate the color by 10%, you get **55, 40.878, 32.828**, and if you desaturate by 10%, it is **64, 23.143, 30.916**.

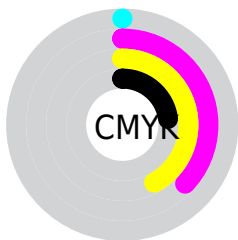
Distribution



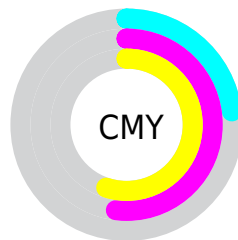
- Red (76%)
- Green (48%)
- Blue (45%)



- Red (76%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 31.731, 31.718 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, 31.731, 31.718 by changing the saturation by 10% instead.

■ 59, 31.731, 31.718

■ 59, 31.731, 31.718

■ 100, 31.731,
31.718

■ 49, 31.731, 31.718

■ 79, 31.731, 31.718

■ 39, 31.731, 31.718

■ 89, 31.731, 31.718

■ 29, 31.731, 31.718

■ 99, 31.731, 31.718

■ 19, 31.731, 31.718

■ 9, 31.731, 31.718

■ 0, 31.731, 31.718

■ 59, 31.731, 31.718

■ 59, 31.731, 31.718

■ 55, 40.878, 32.828

■ 64, 23.143, 30.916

■ 51, 50.471, 34.288

■ 68, 15.163, 30.343

■ 48, 60.281, 36.115

■ 73, 7.789, 29.935

■ 45, 69.864, 38.189

■ 78, 0.987, 29.219

■ 43, 78.272, 40.063

■ 83, 5.290, 209.748

■ 42, 83.741, 41.309

■ 88, 11.093,
209.647

■ 93, 16.478,
209.643

■ 96, 19.578,
198.214

Harmonies

Complementary

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



59, 31.731, 31.718



71, 23.297, 209.995

Rectangle

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



59, 31.731, 31.718



59, 31.731, 81.718



59, 31.731, 211.718



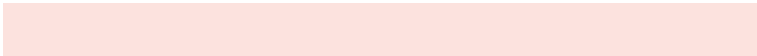
59, 31.731, 261.718

Sweetspot

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



59, 31.729, 31.722



92, 10.027, 29.959



59, 49.378, 329.678



48, 6.742, 30.008



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 31.729, 31.722



70, 48.768, 32.733



69, 30.163, 79.934



38, 3.778, 29.857



34, 72.091, 41.392



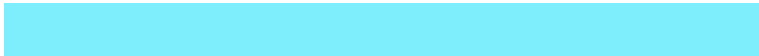
4, 13.042, 25.947

Inverse Universe

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



71, 23.297, 209.995



88, 32.946, 210.400



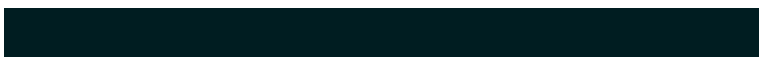
60, 28.780, 272.651



40, 3.557, 209.718



54, 31.372, 216.227



9, 11.039, 211.654

Previews

White Background



This preview shows how the CIELCh color 59, 31.731, 31.718 looks on a white background.

Color Contrast Check

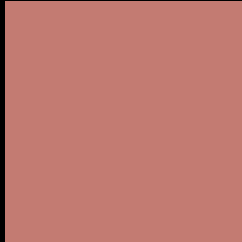
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.731, 31.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

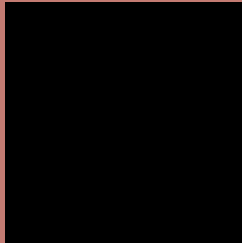
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 31.731, 31.718

Background



This preview shows how black text looks on a background with the CIELCh color 59, 31.731, 31.718.

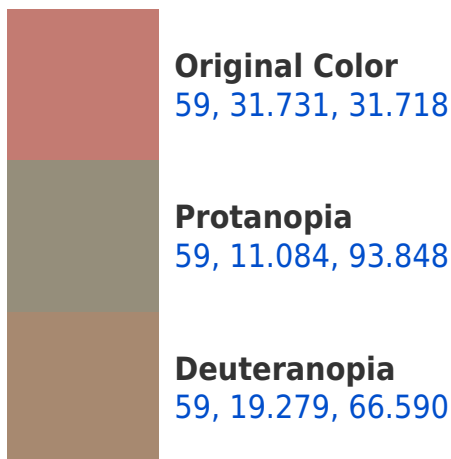


This preview shows how white text looks on a background with the CIELCh color 59, 31.731, 31.718.

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





Tritanopia
59, 31.320, 13.953

Trichromacy



Original Color
59, 31.731, 31.718

Protanomaly
59, 15.703, 52.819

Deuteranomaly
59, 22.455, 49.191

Tritanomaly
59, 31.154, 20.920

Monochromacy



Original Color
59, 31.731, 31.718

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 11.149, 29.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 31.731, 31.718 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(195, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 114)  
}
```

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(195, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 31.731, 31.718 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(195, 123, 114) }
```

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

```
.border{ border-color:rgb(195, 123, 114) }
```

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

Here you see how a box with a 4 pixel rgb(195, 123, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 31.731, 31.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 114) }
```

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

```
.background{ background-color: rgb(195,  
123, 114) }
```

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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