

Converting Colors

CIELCh(52, 31.382, 18.973)

Have a look what the booklet for
CIELCh(52, 31.382, 18.973) contains.

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Color

CIELCh(52, 31.036, 19.244)

Conversions

Conversions Part 1

Format	Color
Hex	B0686C
RGB	176, 104, 108
RGB Percent	69%, 41%, 42%
CMY	0.3107, 0.5929, 0.5772
CMYK	0.00, 0.41, 0.39, 0.31
HSL	357°, 31%, 55%
HSV	357°, 41%, 69%
XYZ	25.4821, 20.1443, 16.6790
YIQ	125.9840, 41.6280, 16.5080

Conversions

Conversions Part 2

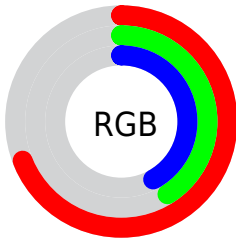
Format	Color
R_{YB}	176, 104, 108
Decimal	11561068
CIE _{Lab}	52.00, 29.30, 10.23
CIE _{LCh}	52, 31.036, 19.244
Yxy	20.1443, 0.4090, 0.3233
Android (android.graphics.Color)	4289751148 (0xFFB0686C)
YUV	125.9840, -8.8661, 43.8640
Hunter-Lab	44.8824, 22.7994, 9.3847

Details

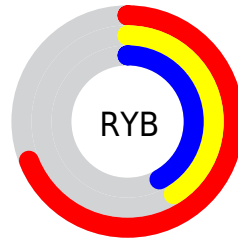
The CIELCh color **52, 31.036, 19.244** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67, 24.026, 192.121**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 31.292, 19.457**, and **32, 31.093, 18.973** is the 20% darker color. If you saturate the color by 10%, you get **48, 39.595, 21.180**, and if you desaturate by 10%, it is **57, 22.758, 17.735**.

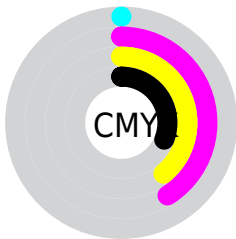
Distribution



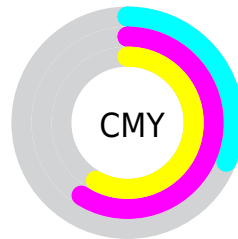
- Red (69%)
- Green (41%)
- Blue (42%)



- Red (69%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (39%)
- Black (31%)



- Cyan (31%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 31.036, 19.244 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 52, 31.036, 19.244 by changing the saturation by 10% instead.

■ 52, 31.036, 19.244

■ 52, 31.036, 19.244

■ 100, 31.036,
19.244

■ 42, 31.036, 19.244

■ 72, 31.036, 19.244

■ 32, 31.036, 19.244

■ 82, 31.036, 19.244

■ 22, 31.036, 19.244

■ 92, 31.036, 19.244

■ 12, 31.036, 19.244

■ 2, 31.036, 19.244

■ 0, 31.036, 19.244

■ 52, 31.036, 19.244

■ 52, 31.036, 19.244

■ 48, 39.595, 21.180

■ 57, 22.758, 17.735

■ 44, 48.232, 23.652

■ 61, 14.898, 16.537

41, 56.674, 26.761

66, 7.517, 15.559

39, 64.614, 30.505

71, 0.628, 14.072

37, 71.642, 34.588

76, 5.788, 194.318

36, 76.725, 37.690

82, 11.766,
193.752

87, 17.346,
193.298

92, 22.573,
192.914

95, 25.170,
197.865

Harmonies

Complementary

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



52, 31.036, 19.244



67, 24.026, 192.121

Rectangle

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



52, 31.036, 19.244



52, 31.036, 69.244



52, 31.036, 199.244



52, 31.036, 249.244

Sweetspot

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



52, 31.034, 19.248



84, 10.283, 15.675



54, 47.177, 324.625



43, 6.844, 15.791



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



52, 31.034, 19.248



62, 47.191, 20.947



59, 25.453, 63.440



34, 3.823, 15.409



31, 67.983, 37.185



2, 7.825, 15.636

Inverse Universe

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



52, 31.034, 19.248



62, 47.191, 20.947



58, 21.560, 254.479



34, 3.823, 15.409



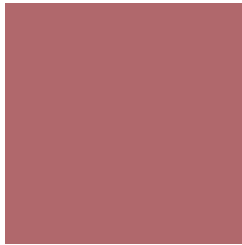
31, 67.983, 37.185



2, 7.825, 15.636

Previews

White Background



This preview shows how the CIELCh color 52, 31.036, 19.244 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 52, 31.036, 19.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

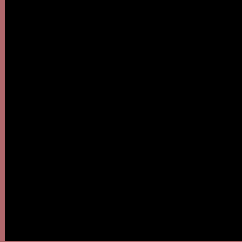
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 31.036, 19.244

Background



This preview shows how black text looks on a background with the CIELCh color 52, 31.036, 19.244.



This preview shows how white text looks on a background with the CIELCh color 52, 31.036, 19.244.

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

52, 31.036, 19.244

Protanopia

52, 3.822, 84.420

Deuteranopia

52, 13.256, 60.687



Tritanopia
52, 31.323, 15.254

Trichromacy



Original Color
52, 31.036, 19.244

Protanomaly
52, 11.936, 28.986

Deuteranomaly
52, 18.476, 35.651

Tritanomaly
52, 31.356, 16.295

Monochromacy



Original Color
52, 31.036, 19.244

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 10.793, 17.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 31.036, 19.244 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(176, 104, 108)` looks like.

```
.text, #text, p{  
    color:rgb(176, 104, 108)  
}
```

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(176, 104, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 104, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 31.036, 19.244 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(176, 104, 108) }
```

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

```
.border{ border-color:rgb(176, 104, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 104, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 104, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 104, 108);  
box-shadow:4px 4px 4px 4px rgb(176, 104,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 31.036, 19.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 104, 108) }
```

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

```
.background{ background-color: rgb(176,  
104, 108) }
```

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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