

Converting Colors

CIELCh(51, 30.626, 29.520)

Have a look what the booklet for
CIELCh(51, 30.626, 29.520) contains.

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Color

CIELCh(51, 30.563, 29.492)

Conversions

Conversions Part 1

Format	Color
Hex	AB6761
RGB	171, 103, 97
RGB Percent	67%, 40%, 38%
CMY	0.3288, 0.5955, 0.6191
CMYK	0.00, 0.40, 0.43, 0.33
HSL	5°, 31%, 53%
HSV	5°, 43%, 67%
XYZ	23.8559, 19.2686, 13.8036
YIQ	122.6480, 42.4540, 12.5500

Conversions

Conversions Part 2

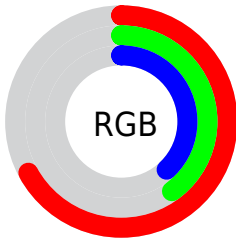
Format	Color
R_{YB}	171, 104, 97
Decimal	11233121
CIE Lab	51.00, 26.60, 15.05
CIE LCh	51, 30.563, 29.492
Yxy	19.2686, 0.4191, 0.3385
Android (android.graphics.Color)	4289423201 (0xFFAB6761)
YUV	122.6480, -12.6445, 42.4047
Hunter-Lab	43.8960, 20.1904, 12.0828

Details

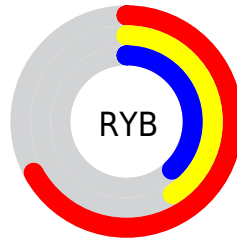
The CIELCh color **51, 30.563, 29.492** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 22.226, 206.354**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 30.272, 29.220**, and **31, 30.698, 28.668** is the 20% darker color. If you saturate the color by 10%, you get **47, 38.973, 30.853**, and if you desaturate by 10%, it is **55, 22.613, 28.476**.

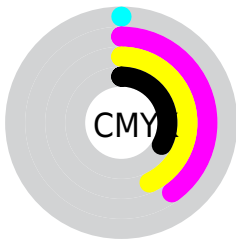
Distribution



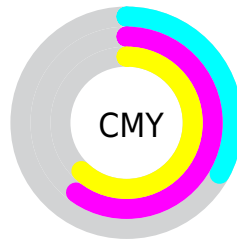
- Red (67%)
- Green (40%)
- Blue (38%)



- Red (67%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 30.563, 29.492 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 51, 30.563, 29.492 by changing the saturation by 10% instead.

■ 51, 30.563, 29.492

■ 51, 30.563, 29.492

■ 100, 30.563,
29.492

■ 41, 30.563, 29.492

■ 71, 30.563, 29.492

■ 31, 30.563, 29.492

■ 81, 30.563, 29.492

■ 21, 30.563, 29.492

■ 91, 30.563, 29.492

■ 11, 30.563, 29.492

■ 1, 30.563, 29.492

■ 0, 30.563, 29.492

■ 51, 30.563, 29.492

■ 51, 30.563, 29.492

■ 47, 38.973, 30.853

■ 55, 22.613, 28.476

■ 44, 47.714, 32.612

■ 59, 15.192, 27.721

41, 56.546, 34.784

64, 8.313, 27.158

38, 65.040, 37.230

69, 1.958, 26.587

37, 72.287, 39.435

73, 3.912, 206.709

36, 76.317, 40.922

78, 9.341, 206.468

83, 14.377,
206.350

87, 19.067,
206.292

92, 23.453,
206.276

Harmonies

Complementary

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



51, 30.563, 29.492



64, 22.226, 206.354

Rectangle

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



51, 30.563, 29.492



51, 30.563, 79.492



51, 30.563, 209.492



51, 30.563, 259.492

Sweetspot

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



51, 30.561, 29.496



81, 10.074, 27.157



52, 47.187, 328.681



42, 7.168, 27.267



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



51, 30.561, 29.496



61, 46.951, 30.802



60, 27.741, 76.648



34, 3.534, 26.966



31, 68.877, 40.698



2, 7.314, 25.299

Inverse Universe

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



64, 22.226, 206.354



79, 31.342, 206.571



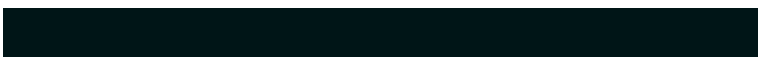
53, 25.825, 269.882



36, 3.330, 206.601



52, 30.633, 210.232



5, 7.000, 210.324

Previews

White Background



This preview shows how the CIELCh color 51, 30.563, 29.492 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 51, 30.563, 29.492 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 51, 30.563, 29.492

Background



This preview shows how black text looks on a background with the CIELCh color 51, 30.563, 29.492.

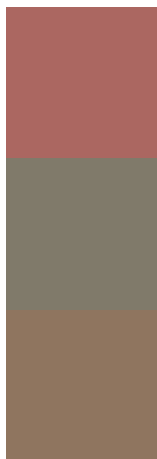


This preview shows how white text looks on a background with the CIELCh color 51, 30.563, 29.492.

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

51, 30.563, 29.492

Protanopia

51, 9.605, 93.658

Deuteranopia

51, 17.341, 66.974



Tritanopia
51, 30.571, 14.971

Trichromacy



Original Color
51, 30.563, 29.492

Protanomaly
51, 14.493, 49.074

Deuteranomaly
51, 20.707, 47.466

Tritanomaly
51, 30.344, 20.149

Monochromacy



Original Color
51, 30.563, 29.492

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 10.559, 26.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 30.563, 29.492 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(171, 103, 97)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 97)  
}
```

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(171, 103, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 30.563, 29.492 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(171, 103, 97) }
```

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

```
.border{ border-color:rgb(171, 103, 97) }
```

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

Here you see how a box with a 4 pixel rgb(171, 103, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 103, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 103, 97);  
box-shadow:4px 4px 4px 4px rgb(171, 103,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 30.563, 29.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 97) }
```

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

```
.background{ background-color: rgb(171,  
103, 97) }
```

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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