

Converting Colors

CIELCh(60, 28.735, 51.408)

Have a look what the booklet for
CIELCh(60, 28.735, 51.408) contains.

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Color

CIELCh(60, 28.735, 51.408)

Conversions

Conversions Part 1

Format	Color
Hex	BB846A
RGB	187, 132, 106
RGB Percent	73%, 52%, 42%
CMY	0.2665, 0.4822, 0.5842
CMYK	0.00, 0.29, 0.43, 0.27
HSL	19°, 37%, 57%
HSV	19°, 43%, 73%
XYZ	31.3625, 28.1233, 17.4205
YIQ	145.4810, 41.1260, 3.5740

Conversions

Conversions Part 2

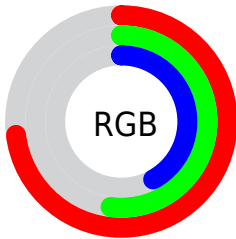
Format	Color
R_{YB}	187, 144, 106
Decimal	12289130
CIE _{Lab}	60.00, 17.92, 22.46
CIE _{LCh}	60, 28.735, 51.408
Yxy	28.1233, 0.4078, 0.3657
Android (android.graphics.Color)	4290479210 (0xFFBB846A)
YUV	145.4810, -19.4641, 36.4122
Hunter-Lab	53.0314, 12.7590, 17.6457

Details

The CIELCh color **60, 28.735, 51.408** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 22.116, 239.683**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 28.943, 51.440**, and **40, 29.128, 51.281** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.698, 51.008**, and if you desaturate by 10%, it is **64, 21.282, 51.918**.

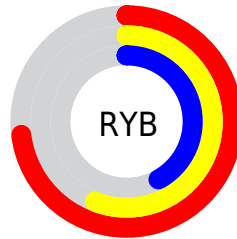
Distribution



Red (73%)

Green (52%)

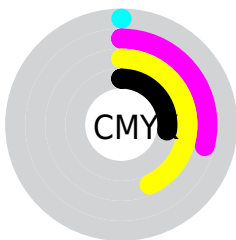
Blue (42%)



Red (73%)

Yellow (56%)

Blue (42%)

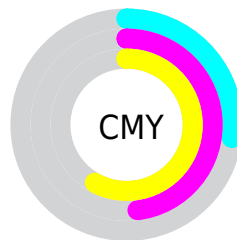


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (48%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.735, 51.408 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 60, 28.735, 51.408 by changing the saturation by 10% instead.

60, 28.735, 51.408

60, 28.735, 51.408

100, 28.735,
51.408

50, 28.735, 51.408

80, 28.735, 51.408

40, 28.735, 51.408

90, 28.735, 51.408

30, 28.735, 51.408

20, 28.735, 51.408

10, 28.735, 51.408

0, 28.735, 51.408

60, 28.735, 51.408

60, 28.735, 51.408

57, 36.698, 51.008

64, 21.282, 51.918

53, 45.114, 50.696

67, 14.344, 52.506

50, 53.798, 50.427

71, 7.893, 53.148

48, 62.320, 50.040

75, 1.891, 53.678

45, 69.775, 49.163

78, 3.709, 234.806

44, 74.077, 48.447

82, 8.951, 235.503

86, 13.878,
236.262

90, 18.345,
236.094

93, 19.512,
211.592

Harmonies

Complementary

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



60, 28.735, 51.408



63, 22.116, 239.683

Rectangle

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



60, 28.735, 51.408



60, 28.735, 101.408



60, 28.735, 231.408



60, 28.735, 281.408

Sweetspot

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



60, 28.734, 51.413



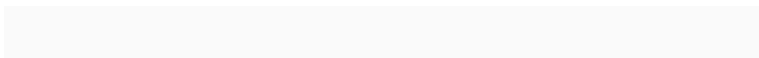
90, 9.510, 53.154



56, 42.910, 338.308



47, 6.763, 53.009



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 28.734, 51.413



72, 44.094, 51.025



70, 36.106, 96.380



38, 3.337, 53.400



37, 65.111, 48.897



5, 10.269, 42.091

Inverse Universe

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



63, 22.116, 239.683



77, 31.663, 241.788



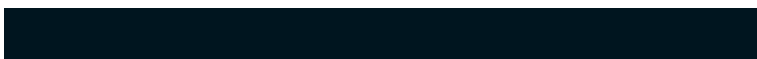
52, 38.454, 288.083



38, 3.183, 235.036



43, 35.243, 259.268



6, 9.801, 248.455

Previews

White Background



This preview shows how the CIELCh color 60, 28.735, 51.408 looks on a white background.

Color Contrast Check

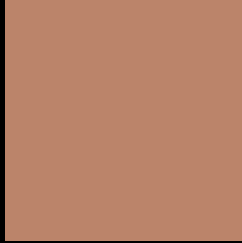
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 28.735, 51.408 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 60, 28.735, 51.408

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.735, 51.408.



This preview shows how white text looks on a background with the CIELCh color 60, 28.735, 51.408.

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

60, 28.735, 51.408

Protanopia

60, 18.964, 95.129

Deuteranopia

60, 24.178, 71.392



Tritanopia
60, 25.713, 11.117

Trichromacy



Original Color
60, 28.735, 51.408

Protanomaly
60, 20.645, 73.925

Deuteranomaly
60, 25.402, 63.172

Tritanomaly
60, 25.328, 25.827

Monochromacy



Original Color
60, 28.735, 51.408

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.955, 54.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.735, 51.408 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(187, 132, 106)` looks like.

```
.text, #text, p{  
    color:rgb(187, 132, 106)  
}
```

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(187, 132, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 132, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.735, 51.408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

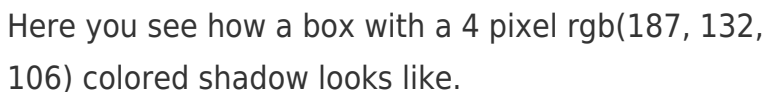
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 132, 106) }
```

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

```
.border{ border-color:rgb(187, 132, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 132, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 132, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 132, 106);  
box-shadow:4px 4px 4px 4px rgb(187, 132,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.735, 51.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 132, 106) }
```

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

```
.background{ background-color: rgb(187,  
132, 106) }
```

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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