

Converting Colors

CIELCh(60, 30.899, 59.157)

Have a look what the booklet for
CIELCh(60, 30.899, 59.157) contains.

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Color

CIELCh(60, 30.947, 58.412)

Conversions

Conversions Part 1

Format	Color
Hex	BA8563
RGB	186, 133, 99
RGB Percent	73%, 52%, 39%
CMY	0.2705, 0.4783, 0.6117
CMYK	0.00, 0.28, 0.47, 0.27
HSL	23°, 39%, 56%
HSV	23°, 47%, 73%
XYZ	30.8982, 28.1233, 15.6088
YIQ	144.9710, 42.5020, 0.6620

Conversions

Conversions Part 2

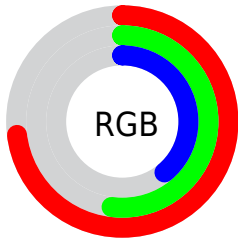
Format	Color
R _Y B	186, 155, 99
Decimal	12223843
CIE Lab	60.00, 16.21, 26.36
CIE LCh	60, 30.947, 58.412
Yxy	28.1233, 0.4140, 0.3768
Android (android.graphics.Color)	4290413923 (0xFFBA8563)
YUV	144.9710, -22.6637, 35.9824
Hunter-Lab	53.0314, 11.1960, 19.6711

Details

The CIELCh color **60, 30.947, 58.412** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 24.552, 250.326**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.993, 58.221**, and **40, 30.691, 58.125** is the 20% darker color. If you saturate the color by 10%, you get **57, 38.770, 57.603**, and if you desaturate by 10%, it is **63, 23.542, 59.276**.

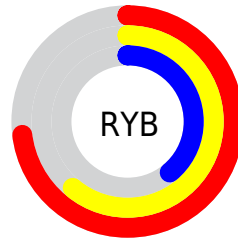
Distribution



Red (73%)

Green (52%)

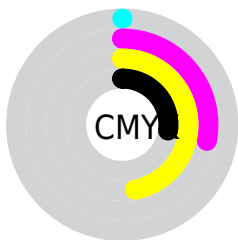
Blue (39%)



Red (73%)

Yellow (61%)

Blue (39%)

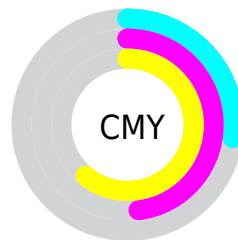


Cyan (0%)

Magenta (28%)

Yellow (47%)

Black (27%)



Cyan (27%)

Magenta (48%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 30.947, 58.412 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, 30.947, 58.412 by changing the saturation by 10% instead.

 60, 30.947, 58.412

 60, 30.947, 58.412

 100, 30.947,
58.412

 50, 30.947, 58.412

 80, 30.947, 58.412

 40, 30.947, 58.412

 90, 30.947, 58.412

 30, 30.947, 58.412

 20, 30.947, 58.412

 10, 30.947, 58.412

 0, 30.947, 58.412

 60, 30.947, 58.412

 60, 30.947, 58.412

 57, 38.770, 57.603

 63, 23.542, 59.276

 54, 46.909, 56.806

 66, 16.583, 60.179

51, 55.104, 55.940

70, 10.056, 61.109

49, 62.786, 54.794

73, 3.932, 62.015

47, 69.030, 53.018

77, 1.829, 243.339

46, 70.980, 52.521

80, 7.263, 244.146

84, 12.410,
245.092

87, 17.304,
246.035

90, 18.556,
232.789

Harmonies

Complementary

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



60, 30.947, 58.412



60, 24.552, 250.326

Rectangle

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



60, 30.947, 58.412



60, 30.947, 108.412



60, 30.947, 238.412



60, 30.947, 288.412

Sweetspot

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



60, 30.946, 58.417



90, 10.320, 61.346



54, 43.995, 341.925



47, 7.233, 61.144



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, 30.946, 58.417



73, 47.419, 57.590



71, 41.078, 99.942



37, 3.282, 61.795



38, 61.911, 53.059



4, 8.738, 49.863

Inverse Universe

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



60, 24.552, 250.326



74, 35.484, 253.094



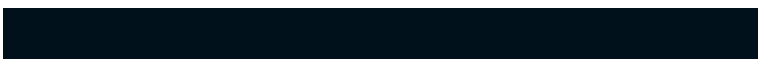
48, 45.150, 292.081



37, 3.161, 243.867



39, 39.582, 270.328



4, 9.249, 256.809

Previews

White Background



This preview shows how the CIELCh color 60, 30.947, 58.412 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 60, 30.947, 58.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

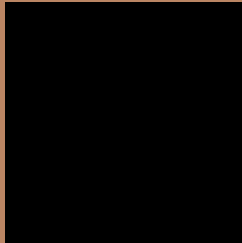
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.947, 58.412

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.947, 58.412.



This preview shows how white text looks on a background with the CIELCh color 60, 30.947, 58.412.

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, 30.947, 58.412

Protanopia

60, 23.396, 95.840

Deuteranopia

60, 27.771, 74.710



Tritanopia
60, 25.350, 9.628

Trichromacy



Original Color
60, 30.947, 58.412

Protanomaly
60, 24.807, 80.354

Deuteranomaly
60, 28.886, 68.602

Tritanomaly
60, 24.835, 29.608

Monochromacy



Original Color
60, 30.947, 58.412

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 10.743, 62.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.947, 58.412 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(186, 133, 99)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 99)  
}
```

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(186, 133, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.947, 58.412 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(186, 133, 99) }
```

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

```
.border{ border-color:rgb(186, 133, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 133, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 133, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 133, 99);  
box-shadow:4px 4px 4px 4px rgb(186, 133,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.947, 58.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 99) }
```

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

```
.background{ background-color: rgb(186,  
133, 99) }
```

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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