

Converting Colors

CIELCh(60, 30.860, 57.260)

Have a look what the booklet for
CIELCh(60, 30.860, 57.260) contains.

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Color

CIELCh(60, 30.914, 57.242)

Conversions

Conversions Part 1

Format	Color
Hex	BB8564
RGB	187, 133, 100
RGB Percent	73%, 52%, 39%
CMY	0.2680, 0.4797, 0.6090
CMYK	0.00, 0.29, 0.47, 0.27
HSL	23°, 39%, 56%
HSV	23°, 47%, 73%
XYZ	31.0378, 28.1233, 15.7723
YIQ	145.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

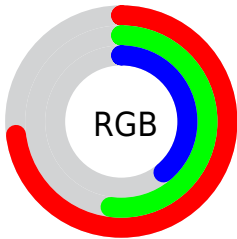
Format	Color
R _Y B	187, 153, 100
Decimal	12289380
CIE Lab	60.00, 16.73, 26.00
CIE LCh	60, 30.914, 57.242
Yxy	28.1233, 0.4142, 0.3753
Android (android.graphics.Color)	4290479460 (0xFFBB8564)
YUV	145.3840, -22.3743, 36.4972
Hunter-Lab	53.0314, 11.6659, 19.4883

Details

The CIELCh color **60, 30.914, 57.242** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 24.314, 248.709**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.963, 57.092**, and **40, 30.664, 56.912** is the 20% darker color. If you saturate the color by 10%, you get **57, 38.792, 56.497**, and if you desaturate by 10%, it is **63, 23.471, 58.050**.

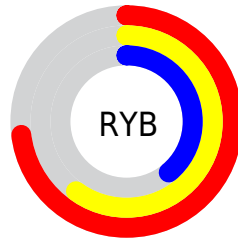
Distribution



Red (73%)

Green (52%)

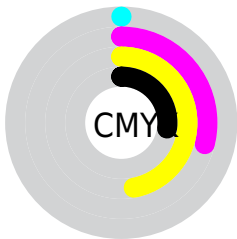
Blue (39%)



Red (73%)

Yellow (60%)

Blue (39%)

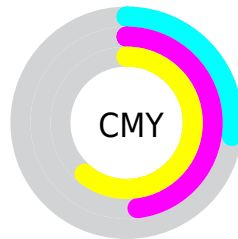


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (27%)



Cyan (27%)

Magenta (48%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 30.914, 57.242 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, 30.914, 57.242 by changing the saturation by 10% instead.

60, 30.914, 57.242

60, 30.914, 57.242

100, 30.914,
57.242

50, 30.914, 57.242

80, 30.914, 57.242

40, 30.914, 57.242

90, 30.914, 57.242

30, 30.914, 57.242

20, 30.914, 57.242

10, 30.914, 57.242

0, 30.914, 57.242

60, 30.914, 57.242

60, 30.914, 57.242

57, 38.792, 56.497

63, 23.471, 58.050

54, 47.008, 55.776

67, 16.487, 58.903

51, 55.307, 54.999

70, 9.948, 59.790

49, 63.127, 53.955

73, 3.822, 60.653

46, 69.518, 52.280

77, 1.930, 241.941

46, 71.612, 51.785

81, 7.349, 242.726

84, 12.473,
243.646

88, 17.339,
244.565

91, 18.422,
229.264

Harmonies

Complementary

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



60, 30.914, 57.242



61, 24.314, 248.709

Rectangle

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



60, 30.914, 57.242



60, 30.914, 107.242



60, 30.914, 237.242



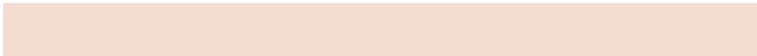
60, 30.914, 287.242

Sweetspot

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



60, 30.913, 57.247



90, 10.299, 60.000



54, 44.414, 341.052



47, 7.219, 59.807



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, 30.913, 57.247



73, 47.497, 56.474



71, 40.437, 99.015



38, 3.349, 60.427



39, 63.070, 52.273



5, 10.113, 47.160

Inverse Universe

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



61, 24.314, 248.709



74, 35.097, 251.479



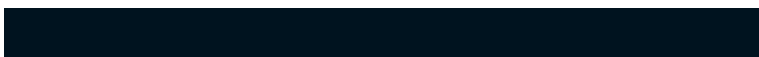
49, 44.181, 291.276



38, 3.220, 242.443



40, 39.212, 268.737



5, 10.269, 256.244

Previews

White Background



This preview shows how the CIELCh color 60, 30.914, 57.242 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, 30.914, 57.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

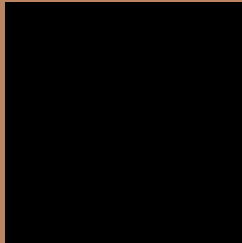
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.914, 57.242

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.914, 57.242.



This preview shows how white text looks on a background with the CIELCh color 60, 30.914, 57.242.

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, 30.914, 57.242

Protanopia

60, 22.855, 95.647

Deuteranopia

60, 27.291, 74.190



Tritanopia
60, 25.713, 11.117

Trichromacy



Original Color
60, 30.914, 57.242

Protanomaly
60, 24.304, 79.864

Deuteranomaly
60, 28.433, 68.009

Tritanomaly
60, 25.424, 30.718

Monochromacy



Original Color
60, 30.914, 57.242

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 10.349, 60.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.914, 57.242 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, 133, 100)` looks like.

```
.text, #text, p{  
    color:rgb(187, 133, 100)  
}
```

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, 133, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 133, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.914, 57.242 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, 133, 100) }
```

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

```
.border{ border-color:rgb(187, 133, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 133, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 133, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 133, 100);  
box-shadow:4px 4px 4px 4px rgb(187, 133,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.914, 57.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 133, 100) }
```

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

```
.background{ background-color: rgb(187,  
133, 100) }
```

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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