

Converting Colors

CIELCh(62, 33.317, 67.767)

Have a look what the booklet for
CIELCh(62, 33.317, 67.767) contains.

CIELCh(62, 33.134, 67.158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 33.134, 67.158)

Conversions

Conversions Part 1

Format	Color
Hex	BC8C60
RGB	188, 140, 96
RGB Percent	74%, 55%, 38%
CMY	0.2617, 0.4500, 0.6226
CMYK	0.00, 0.26, 0.49, 0.26
HSL	29°, 41%, 56%
HSV	29°, 49%, 74%
XYZ	32.3417, 30.4025, 15.2865
YIQ	149.3360, 42.7320, -3.5080

Conversions

Conversions Part 2

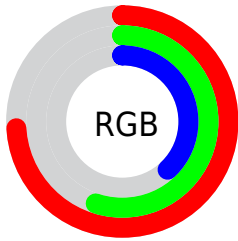
Format	Color
RYB	188, 180, 96
Decimal	12356704
CIELab	62.00, 12.86, 30.54
CIELCh	62, 33.134, 67.158
Yxy	30.4025, 0.4145, 0.3896
Android (android.graphics.Color)	4290546784 (0xFFBC8C60)
YUV	149.3360, -26.2946, 33.9083
Hunter-Lab	55.1385, 8.2076, 22.1595

Details

The CIELCh color **62, 33.134, 67.158** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 28.198, 262.012**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 33.199, 67.761**, and **42, 32.834, 67.190** is the 20% darker color. If you saturate the color by 10%, you get **59, 40.829, 65.945**, and if you desaturate by 10%, it is **65, 25.709, 68.366**.

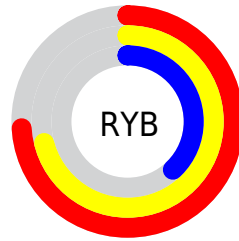
Distribution



Red (74%)

Green (55%)

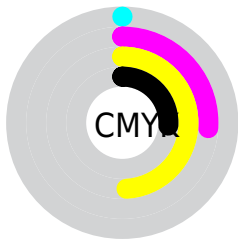
Blue (38%)



Red (74%)

Yellow (71%)

Blue (38%)

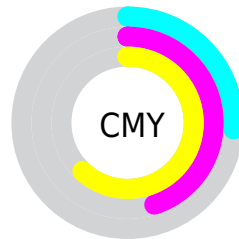


Cyan (0%)

Magenta (26%)

Yellow (49%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 33.134, 67.158 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 62, 33.134, 67.158 by changing the saturation by 10% instead.

■ 62, 33.134, 67.158

■ 62, 33.134, 67.158

■ 100, 33.134,
67.158

■ 52, 33.134, 67.158

■ 82, 33.134, 67.158

■ 42, 33.134, 67.158

■ 92, 33.134, 67.158

■ 32, 33.134, 67.158

■ 22, 33.134, 67.158

■ 12, 33.134, 67.158

■ 2, 33.134, 67.158

■ 0, 33.134, 67.158

■ 62, 33.134, 67.158

■ 62, 33.134, 67.158

■ 59, 40.829, 65.945

■ 65, 25.709, 68.366

57, 48.634, 64.670

68, 18.615, 69.566

54, 56.197, 63.234

71, 11.865, 70.757

52, 62.847, 61.411

74, 5.443, 71.914

50, 67.940, 59.018

77, 0.675, 253.703

50, 68.519, 58.782

80, 6.518, 254.365

83, 12.116,
255.458

86, 17.498,
256.532

89, 18.577,
246.751

Harmonies

Complementary

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



62, 33.134, 67.158



58, 28.198, 262.012

Rectangle

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



62, 33.134, 67.158



62, 33.134, 117.158



62, 33.134, 247.158



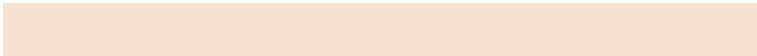
62, 33.134, 297.158

Sweetspot

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



62, 33.134, 67.163



91, 11.558, 71.186



53, 44.063, 346.799



48, 7.924, 70.938



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 33.134, 67.163



75, 50.747, 65.812



74, 46.520, 104.033



38, 3.483, 71.862



42, 60.032, 59.325



6, 10.043, 57.202

Inverse Universe

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



58, 28.198, 262.012



70, 41.566, 265.336



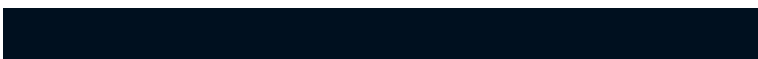
46, 52.735, 295.968



38, 3.397, 254.271



35, 47.806, 281.247



4, 11.304, 266.586

Previews

White Background



This preview shows how the CIELCh color 62, 33.134, 67.158 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 33.134, 67.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

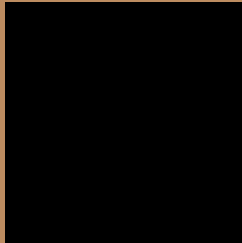
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 33.134, 67.158

Background



This preview shows how black text looks on a background with the CIELCh color 62, 33.134, 67.158.



This preview shows how white text looks on a background with the CIELCh color 62, 33.134, 67.158.

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


62, 33.134, 67.158

Protanopia

62, 28.254, 95.519

Deuteranopia

62, 31.511, 74.806



Tritanopia
62, 23.950, 8.683

Trichromacy



Original Color
62, 33.134, 67.158

Protanomaly
62, 28.678, 83.729

Deuteranomaly
62, 32.166, 71.745

Tritanomaly
62, 23.829, 33.658

Monochromacy



Original Color
62, 33.134, 67.158

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 11.646, 69.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 33.134, 67.158 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(188, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(188, 140, 96)  
}
```

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(188, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 140, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 33.134, 67.158 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(188, 140, 96) }
```

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

```
.border{ border-color:rgb(188, 140, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 140, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(188, 140,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 33.134, 67.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 140, 96) }
```

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

```
.background{ background-color: rgb(188,  
140, 96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor