

Converting Colors

CIELCh(62, 33.680, 75.764)

Have a look what the booklet for
CIELCh(62, 33.680, 75.764) contains.

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Color

CIELCh(62, 33.680, 75.764)

Conversions

Conversions Part 1

Format	Color
Hex	B68F5C
RGB	182, 143, 92
RGB Percent	71%, 56%, 36%
CMY	0.2859, 0.4388, 0.6389
CMYK	0.00, 0.21, 0.49, 0.29
HSL	34°, 38%, 54%
HSV	34°, 49%, 71%
XYZ	31.0854, 30.4025, 14.3743
YIQ	148.8470, 39.6150, -7.5930

Conversions

Conversions Part 2

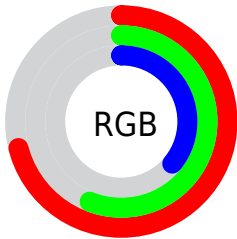
Format	Color
RYB	161, 182, 92
Decimal	11964252
CIELab	62.00, 8.28, 32.65
CIELCh	62, 33.680, 75.764
Yxy	30.4025, 0.4098, 0.4008
Android (android.graphics.Color)	4290154332 (0xFFB68F5C)
YUV	148.8470, -28.0256, 29.0752
Hunter-Lab	55.1385, 4.1403, 23.1404

Details

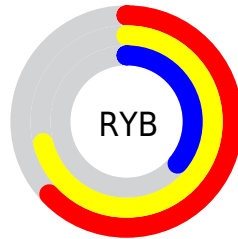
The CIELCh color **62, 33.680, 75.764** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **54, 31.038, 271.527**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 33.834, 75.958**, and **42, 33.999, 75.932** is the 20% darker color. If you saturate the color by 10%, you get **60, 41.011, 74.345**, and if you desaturate by 10%, it is **64, 26.445, 77.144**.

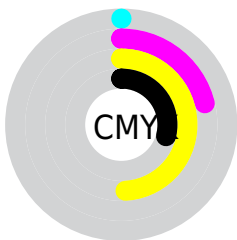
Distribution



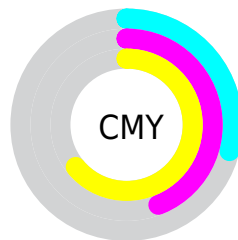
- Red (71%)
- Green (56%)
- Blue (36%)



- Red (63%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 33.680, 75.764 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, 33.680, 75.764 by changing the saturation by 10% instead.

■ 62, 33.680, 75.764

■ 62, 33.680, 75.764

■ 100, 33.680,
75.764

■ 52, 33.680, 75.764

■ 82, 33.680, 75.764

■ 42, 33.680, 75.764

■ 92, 33.680, 75.764

■ 32, 33.680, 75.764

■ 22, 33.680, 75.764

■ 12, 33.680, 75.764

■ 2, 33.680, 75.764

■ 0, 33.680, 75.764

■ 62, 33.680, 75.764

■ 62, 33.680, 75.764

■ 60, 41.011, 74.345

■ 64, 26.445, 77.144

58, 48.236, 72.832

67, 19.400, 78.486

55, 54.959, 71.134

69, 12.582, 79.795

53, 60.514, 69.066

72, 5.997, 81.054

52, 64.498, 66.527

74, 0.364, 263.158

51, 64.732, 66.393

77, 6.517, 263.601

79, 12.481,
264.739

82, 18.274,
265.844

85, 23.465,
266.283

Harmonies

Complementary

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



62, 33.680, 75.764



54, 31.038, 271.527

Rectangle

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



62, 33.680, 75.764



62, 33.680, 125.764



62, 33.680, 255.764



62, 33.680, 305.764

Sweetspot

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



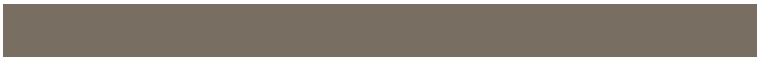
62, 33.680, 75.769



89, 11.949, 80.329



51, 41.213, 353.114



47, 8.249, 80.061



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



62, 33.680, 75.769



76, 50.493, 74.262



72, 47.158, 108.659



38, 3.626, 81.064



44, 57.550, 66.864



6, 8.991, 68.793

Inverse Universe

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



54, 31.038, 271.527



64, 45.915, 274.625



44, 53.863, 298.975



37, 3.583, 263.562



31, 56.048, 289.354



3, 10.857, 272.193

Previews

White Background



This preview shows how the CIELCh color 62, 33.680, 75.764 looks on a white background.

Color Contrast Check

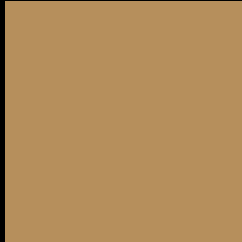
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 33.680, 75.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

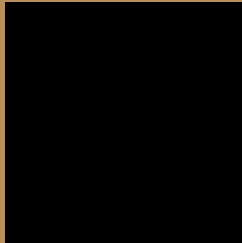
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 33.680, 75.764

Background



This preview shows how black text looks on a background with the CIELCh color 62, 33.680, 75.764.



This preview shows how white text looks on a background with the CIELCh color 62, 33.680, 75.764.

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, 33.680, 75.764

Protanopia

62, 30.898, 96.126

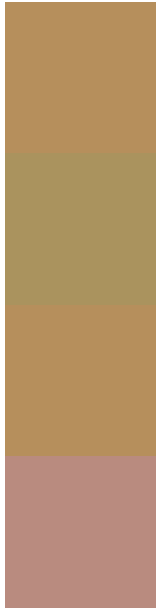
Deuteranopia

62, 33.680, 75.764



Tritanopia
62, 21.216, 4.999

Trichromacy



Original Color
62, 33.680, 75.764

Protanomaly
62, 31.191, 87.812

Deuteranomaly
62, 33.680, 75.764

Tritanomaly
62, 20.605, 39.926

Monochromacy



Original Color
62, 33.680, 75.764

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.106, 80.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 33.680, 75.764 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(182, 143, 92)` looks like.

```
.text, #text, p{  
    color:rgb(182, 143, 92)  
}
```

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(182, 143, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 143, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 33.680, 75.764 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(182, 143, 92) }
```

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

```
.border{ border-color:rgb(182, 143, 92) }
```

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

Here you see how a box with a 4 pixel rgb(182, 143, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 143, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 143, 92);  
box-shadow:4px 4px 4px 4px rgb(182, 143,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 33.680, 75.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 143, 92) }
```

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

```
.background{ background-color: rgb(182,  
143, 92) }
```

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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