

Converting Colors

CIELCh(62, 37.760, 77.813)

Have a look what the booklet for
CIELCh(62, 37.760, 77.813) contains.

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Color

CIELCh(62, 37.760, 77.813)

Conversions

Conversions Part 1

Format	Color
Hex	B78F54
RGB	183, 143, 84
RGB Percent	72%, 56%, 33%
CMY	0.2819, 0.4388, 0.6702
CMYK	0.00, 0.22, 0.54, 0.28
HSL	36°, 41%, 52%
HSV	36°, 54%, 72%
XYZ	31.0012, 30.4025, 12.6435
YIQ	148.2340, 42.7790, -9.8690

Conversions

Conversions Part 2

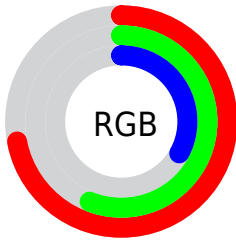
Format	Color
RYB	151, 183, 84
Decimal	12029780
CIELab	62.00, 7.97, 36.91
CIELCh	62, 37.760, 77.813
Yxy	30.4025, 0.4187, 0.4106
Android (android.graphics.Color)	4290219860 (0xFFB78F54)
YUV	148.2340, -31.6674, 30.4898
Hunter-Lab	55.1385, 3.8678, 25.0014

Details

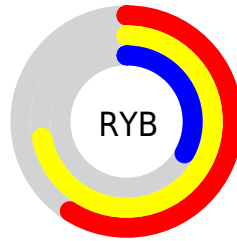
The CIELCh color **62, 37.760, 77.813** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **52, 35.528, 275.519**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 37.742, 78.123**, and **42, 37.788, 78.196** is the 20% darker color. If you saturate the color by 10%, you get **60, 45.054, 76.332**, and if you desaturate by 10%, it is **64, 30.422, 79.236**.

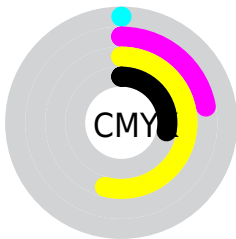
Distribution



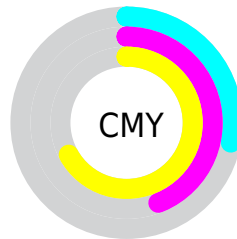
- Red (72%)
- Green (56%)
- Blue (33%)



- Red (59%)
- Yellow (72%)
- Blue (33%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (28%)



- Cyan (28%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 37.760, 77.813 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, 37.760, 77.813 by changing the saturation by 10% instead.

■ 62, 37.760, 77.813

■ 62, 37.760, 77.813

■ 100, 37.760,
77.813

■ 52, 37.760, 77.813

■ 82, 37.760, 77.813

■ 42, 37.760, 77.813

■ 92, 37.760, 77.813

■ 32, 37.760, 77.813

■ 22, 37.760, 77.813

■ 12, 37.760, 77.813

■ 2, 37.760, 77.813

■ 0, 37.760, 77.813

■ 62, 37.760, 77.813

■ 62, 37.760, 77.813

■ 60, 45.054, 76.332

■ 64, 30.422, 79.236

58, 52.008, 74.722

66, 23.192, 80.612

56, 58.092, 72.866

69, 16.138, 81.950

54, 62.539, 70.546

71, 9.287, 83.246

53, 64.614, 69.045

73, 2.641, 84.441

76, 3.809, 265.844

78, 10.078,
266.979

81, 16.180,
268.099

83, 22.133,
269.174

Harmonies

Complementary

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



62, 37.760, 77.813



52, 35.528, 275.519

Rectangle

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



62, 37.760, 77.813



62, 37.760, 127.813



62, 37.760, 257.813



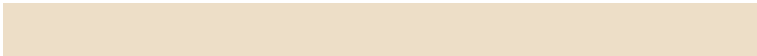
62, 37.760, 307.813

Sweetspot

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



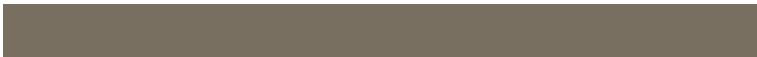
62, 37.760, 77.817



89, 13.075, 82.966



49, 44.706, 355.061



47, 8.928, 82.703



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, 37.760, 77.817



76, 56.425, 76.023



72, 51.428, 109.104



38, 3.719, 83.836



45, 57.232, 69.509



6, 9.145, 72.192

Inverse Universe

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



52, 35.528, 275.519



60, 52.932, 279.250



41, 59.689, 300.195



37, 3.688, 266.326



29, 59.136, 291.570



3, 11.140, 274.004

Previews

White Background



This preview shows how the CIELCh color 62, 37.760, 77.813 looks on a white background.

Color Contrast Check

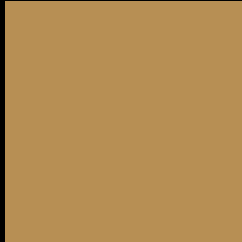
Large Text (above 18pt) WCAG AA × Fail

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, 37.760, 77.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

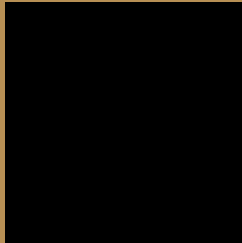
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 37.760, 77.813

Background



This preview shows how black text looks on a background with the CIELCh color 62, 37.760, 77.813.



This preview shows how white text looks on a background with the CIELCh color 62, 37.760, 77.813.

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, 37.760, 77.813

Protanopia
62, 35.249, 95.381

Deuteranopia
62, 37.760, 77.813



Tritanopia
62, 21.510, 6.809

Trichromacy



Original Color
62, 37.760, 77.813

Protanomaly
62, 35.585, 88.017

Deuteranomaly
62, 37.760, 77.813

Tritanomaly
62, 22.060, 44.738

Monochromacy



Original Color
62, 37.760, 77.813

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 13.325, 81.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 37.760, 77.813 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(183, 143, 84)` looks like.

```
.text, #text, p{  
    color:rgb(183, 143, 84)  
}
```

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(183, 143, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 143, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 37.760, 77.813 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(183, 143, 84) }
```

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

```
.border{ border-color:rgb(183, 143, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 143, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 143, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 143, 84);  
box-shadow:4px 4px 4px 4px rgb(183, 143,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 37.760, 77.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 143, 84) }
```

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

```
.background{ background-color: rgb(183,  
143, 84) }
```

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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