

Converting Colors

CIELCh(62, 28.117, 72.322)

Have a look what the booklet for
CIELCh(62, 28.117, 72.322) contains.

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Color

CIELCh(62, 27.931, 72.094)

Conversions

Conversions Part 1

Format	Color
Hex	B48F67
RGB	180, 143, 103
RGB Percent	71%, 56%, 40%
CMY	0.2934, 0.4385, 0.5954
CMYK	0.00, 0.21, 0.43, 0.29
HSL	31°, 34%, 56%
HSV	31°, 43%, 71%
XYZ	31.1680, 30.4025, 17.0998
YIQ	149.5030, 34.8920, -4.5960

Conversions

Conversions Part 2

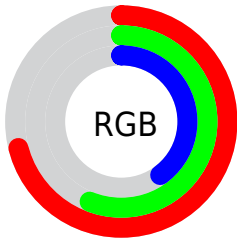
Format	Color
RYB	174, 180, 103
Decimal	11833191
CIELab	62.00, 8.59, 26.58
CIElCh	62, 27.931, 72.094
Yxy	30.4025, 0.3962, 0.3865
Android (android.graphics.Color)	4290023271 (0xFFB48F67)
YUV	149.5030, -22.9260, 26.7459
Hunter-Lab	55.1385, 4.4079, 20.2097

Details

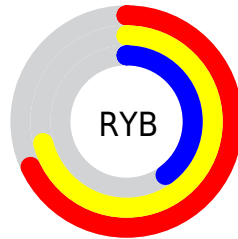
The CIELCh color **62, 27.931, 72.094** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **57, 25.117, 265.004**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.146, 72.874**, and **42, 27.981, 72.837** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.160, 70.787**, and if you desaturate by 10%, it is **65, 20.944, 73.389**.

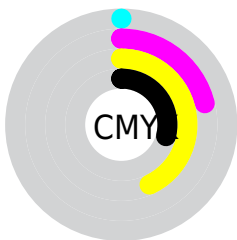
Distribution



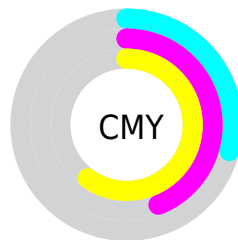
- Red (71%)
- Green (56%)
- Blue (40%)



- Red (68%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (43%)
- Black (29%)



- Cyan (29%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 27.931, 72.094 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, 27.931, 72.094 by changing the saturation by 10% instead.

■ 62, 27.931, 72.094

■ 62, 27.931, 72.094

■ 100, 27.931,
72.094

■ 52, 27.931, 72.094

■ 82, 27.931, 72.094

■ 42, 27.931, 72.094

■ 92, 27.931, 72.094

■ 32, 27.931, 72.094

■ 22, 27.931, 72.094

■ 12, 27.931, 72.094

■ 2, 27.931, 72.094

■ 0, 27.931, 72.094

■ 62, 27.931, 72.094

■ 62, 27.931, 72.094

■ 60, 35.160, 70.787

■ 65, 20.944, 73.389

57, 42.528, 69.431

67, 14.234, 74.659

55, 49.806, 67.972

70, 7.804, 75.897

53, 56.543, 66.277

73, 1.641, 76.971

51, 61.980, 64.095

75, 4.277, 258.445

49, 65.162, 62.295

78, 9.974, 259.564

81, 15.472,
260.672

84, 20.795,
261.742

86, 21.609,
254.643

Harmonies

Complementary

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



62, 27.931, 72.094



57, 25.117, 265.004

Rectangle

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



62, 27.931, 72.094



62, 27.931, 122.094



62, 27.931, 252.094



62, 27.931, 302.094

Sweetspot

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



62, 27.931, 72.099



89, 9.875, 75.839



53, 36.414, 348.934



46, 6.937, 75.572



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 27.931, 72.099



76, 42.062, 70.903



72, 40.768, 106.895



36, 3.416, 76.307



42, 57.632, 62.813



5, 7.629, 65.146

Inverse Universe

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



57, 25.117, 265.004



69, 36.935, 267.421



47, 45.559, 296.439



36, 3.353, 258.769



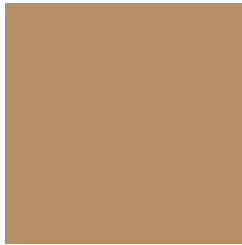
32, 50.518, 285.227



3, 8.952, 267.614

Previews

White Background



This preview shows how the CIELCh color 62, 27.931, 72.094 looks on a white background.

Color Contrast Check

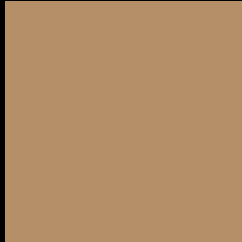
Large Text (above 18pt) WCAG AA × Fail

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, 27.931, 72.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

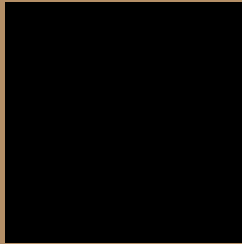
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.931, 72.094

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.931, 72.094.



This preview shows how white text looks on a background with the CIELCh color 62, 27.931, 72.094.

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, 27.931, 72.094

Protanopia

62, 24.961, 95.499

Deuteranopia

62, 27.827, 74.114



Tritanopia
62, 20.026, 3.815

Trichromacy



Original Color
62, 27.931, 72.094

Protanomaly
62, 25.667, 86.701

Deuteranomaly
62, 27.827, 74.114

Tritanomaly
62, 18.740, 33.062

Monochromacy



Original Color
62, 27.931, 72.094

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.918, 77.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.931, 72.094 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(180, 143, 103)` looks like.

```
.text, #text, p{  
    color:rgb(180, 143, 103)  
}
```

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(180, 143, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 143, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.931, 72.094 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(180, 143, 103) }
```

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

```
.border{ border-color:rgb(180, 143, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 143, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 143, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 143, 103);  
box-shadow:4px 4px 4px 4px rgb(180, 143,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.931, 72.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 143, 103) }
```

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

```
.background{ background-color: rgb(180,  
143, 103) }
```

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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