

Converting Colors

CIELCh(62, 11.680, 61.784)

Have a look what the booklet for
CIELCh(62, 11.680, 61.784) contains.

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Color

CIELCh(62, 11.680, 61.784)

Conversions

Conversions Part 1

Format	Color
Hex	A79284
RGB	167, 146, 132
RGB Percent	65%, 57%, 52%
CMY	0.3454, 0.4278, 0.4827
CMYK	0.00, 0.13, 0.21, 0.35
HSL	24°, 17%, 59%
HSV	24°, 21%, 65%
XYZ	30.3441, 30.4025, 26.0698
YIQ	150.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

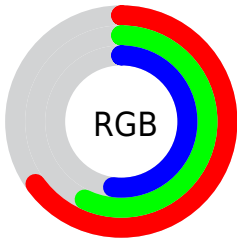
Format	Color
RYB	167, 155, 132
Decimal	10982020
CIELab	62.00, 5.52, 10.29
CIELCh	62, 11.680, 61.784
Yxy	30.4025, 0.3495, 0.3502
Android (android.graphics.Color)	4289172100 (0xFFA79284)
YUV	150.6830, -9.2107, 14.3100
Hunter-Lab	55.1385, 1.7407, 10.5643

Details

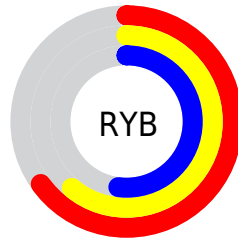
The CIELCh color $62, 11.680, 61.784$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 10.684, 246.513$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 11.579, 62.790$, and $42, 11.655, 61.920$ is the 20% darker color. If you saturate the color by 10%, you get $59, 17.808, 60.845$, and if you desaturate by 10%, it is $65, 5.922, 62.749$.

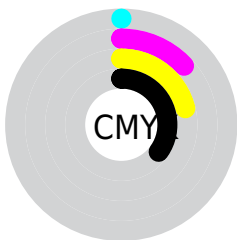
Distribution



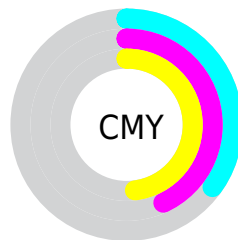
- Red (65%)
- Green (57%)
- Blue (52%)



- Red (65%)
- Yellow (61%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (35%)



- Cyan (35%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 11.680, 61.784 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, 11.680, 61.784 by changing the saturation by 10% instead.

■ 62, 11.680, 61.784

■ 62, 11.680, 61.784

■ 100, 11.680,
61.784

■ 52, 11.680, 61.784

■ 82, 11.680, 61.784

■ 42, 11.680, 61.784

■ 92, 11.680, 61.784

■ 32, 11.680, 61.784

■ 22, 11.680, 61.784

■ 12, 11.680, 61.784

■ 2, 11.680, 61.784

■ 0, 11.680, 61.784

■ 62, 11.680, 61.784

■ 62, 11.680, 61.784

■ 59, 17.808, 60.845

■ 65, 5.922, 62.749

56, 24.327, 59.924

68, 0.502, 63.040

53, 31.235, 59.044

71, 4.614, 244.897

51, 38.489, 58.194

74, 9.459, 245.844

48, 45.950, 57.332

78, 14.065,
246.803

46, 53.299, 56.337

81, 18.462,
247.746

43, 59.886, 54.943

42, 65.005, 53.443

84, 22.675,
248.664

87, 23.334,
239.316

90, 23.347,
223.345

Harmonies

Complementary

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



62, 11.680, 61.784



62, 10.684, 246.513

Rectangle

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



62, 11.680, 61.784



62, 11.680, 111.784



62, 11.680, 241.784



62, 11.680, 291.784

Sweetspot

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



62, 11.680, 61.795



84, 3.947, 63.180



59, 18.019, 340.245



45, 2.644, 63.129



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 11.680, 61.795



77, 17.473, 61.366



67, 17.333, 103.628



34, 3.061, 62.904



37, 59.293, 53.840



3, 5.387, 57.059

Inverse Universe

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



62, 10.684, 246.513



77, 15.642, 247.205



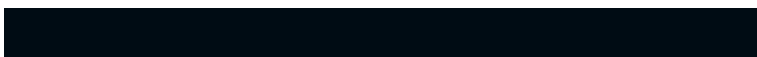
57, 17.988, 288.311



34, 2.953, 245.000



36, 38.719, 271.395



3, 5.676, 252.973

Previews

White Background



This preview shows how the CIELCh color 62, 11.680, 61.784 looks on a white background.

Color Contrast Check

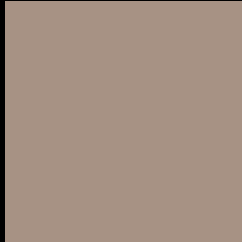
Large Text (above 18pt) WCAG AA × Fail

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, 11.680, 61.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

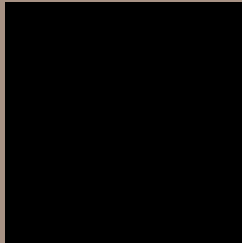
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.680, 61.784

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.680, 61.784.



This preview shows how white text looks on a background with the CIELCh color 62, 11.680, 61.784.

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, 11.680, 61.784

Protanopia

62, 8.838, 90.586

Deuteranopia

62, 13.045, 51.021



Tritanopia
62, 12.193, 350.395

Trichromacy



Original Color
62, 11.680, 61.784

Protanomaly
62, 9.703, 79.057

Deuteranomaly
62, 12.648, 54.997

Tritanomaly
62, 9.990, 13.967

Monochromacy



Original Color
62, 11.680, 61.784

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.201, 61.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.680, 61.784 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(167, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(167, 146, 132)  
}
```

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(167, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 146, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.680, 61.784 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(167, 146, 132) }
```

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

```
.border{ border-color:rgb(167, 146, 132) }
```

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

Here you see how a box with a 4 pixel rgb(167, 146, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(167, 146,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.680, 61.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 146, 132) }
```

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

```
.background{ background-color: rgb(167,  
146, 132) }
```

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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