

Converting Colors

CIELCh(62, 22.124, 127.295)

Have a look what the booklet for
CIELCh(62, 22.124, 127.295)
contains.

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Color

CIELCh(62, 22.340, 127.030)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8A9C76 |
| RGB | 138, 156, 118 |
| RGB Percent | 54%, 61%, 46% |
| CMY | 0.4596, 0.3890, 0.5380 |
| CMYK | 0.12, 0.00, 0.24, 0.39 |
| HSL | 88°, 16%, 54% |
| HSV | 88°, 24%, 61% |
| XYZ | 25.5646, 30.4025, 21.6026 |
| YIQ | 146.2860, 1.4700, -15.6340 |

Conversions

Conversions Part 2

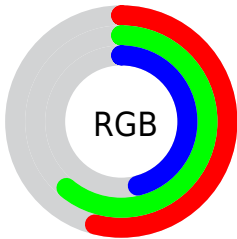
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 118, 156, 136 |
| Decimal | 9084022 |
| CIELab | 62.00, -13.45, 17.83 |
| CIELCh | 62, 22.340, 127.030 |
| Yxy | 30.4025, 0.3296, 0.3919 |
| Android (android.graphics.Color) | 4287274102 (0xFF8A9C76) |
| YUV | 146.2860, -13.9450, -7.2668 |
| Hunter-Lab | 55.1385, -13.7320, 15.3679 |

Details

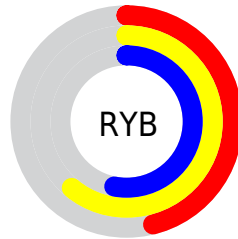
The CIELCh color $62, 22.340, 127.030$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 23.132, 309.317$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 22.749, 126.875$, and $42, 22.655, 126.562$ is the 20% darker color. If you saturate the color by 10%, you get $61, 31.392, 126.551$, and if you desaturate by 10%, it is $63, 13.187, 127.509$.

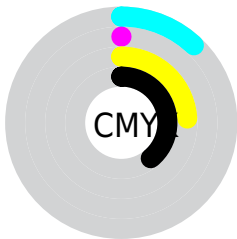
Distribution



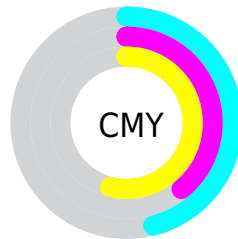
- Red (54%)
- Green (61%)
- Blue (46%)



- Red (46%)
- Yellow (61%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)





- Cyan (46%)
- Magenta (39%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 22.340, 127.030 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, 22.340, 127.030 by changing the saturation by 10% instead.


 62, 22.340,
127.030


 62, 22.340,
127.030


 100, 22.340,
127.030


 52, 22.340,
127.030


 82, 22.340,
127.030

 42, 22.340,
127.030

 92, 22.340,
127.030

 32, 22.340,
127.030

 22, 22.340,
127.030

 12, 22.340,
127.030

 2, 22.340, 127.030

 0, 22.340, 127.030

62, 22.340,
127.030

62, 22.340,
127.030

61, 31.392,
126.551

63, 13.187,
127.509

60, 40.224,
126.091

64, 4.009, 127.979

60, 48.672,
125.696

65, 5.136, 308.363

59, 56.501,
125.432

66, 14.209,
308.766

59, 63.390,
125.392

67, 23.180,
309.125

58, 68.957,
125.696

68, 32.029,
309.449


58, 72.891,
126.448

70, 40.741,
309.741

58, 74.712,

71, 49.308,
310.002

126.932

 72, 56.187,
310.659

Harmonies

Complementary

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



62, 22.340, 127.030



52, 23.132, 309.317

Rectangle

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



62, 22.340, 127.030



62, 22.340, 177.030



62, 22.340, 307.030



62, 22.340, 357.030

Sweetspot

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



62, 22.342, 127.032



80, 7.900, 127.848



58, 13.236, 68.893



43, 5.175, 127.823



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 22.342, 127.032



78, 32.709, 126.783



61, 25.832, 142.047



33, 5.242, 127.749



53, 70.016, 126.808



4, 6.908, 129.099

Inverse Universe

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



52, 23.132, 309.317



64, 34.138, 309.597



54, 25.881, 324.793



31, 5.315, 308.551



21, 81.304, 311.549



1, 6.835, 307.277

Previews

White Background



This preview shows how the CIELCh color 62, 22.340, 127.030 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, 22.340, 127.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

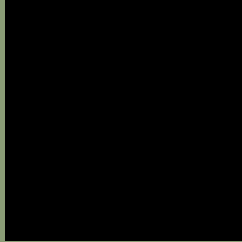
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

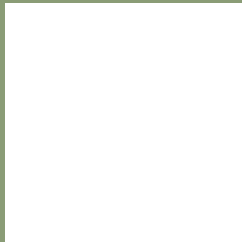
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 22.340, 127.030

Background



This preview shows how black text looks on a background with the CIELCh color 62, 22.340, 127.030.



This preview shows how white text looks on a background with the CIELCh color 62, 22.340, 127.030.

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, 22.340, 127.030

Protanopia
62, 19.513, 94.266

Deuteranopia
62, 18.636, 65.699



Tritanopia
62, 7.047, 272.593

Trichromacy



Original Color
62, 22.340, 127.030

Protanomaly
62, 19.456, 106.763

Deuteranomaly
62, 17.102, 89.750

Tritanomaly
62, 5.143, 158.206

Monochromacy



Original Color
62, 22.340, 127.030

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.338, 128.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 22.340, 127.030 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(138, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(138, 156, 118)  
}
```

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(138, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 156, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 22.340, 127.030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

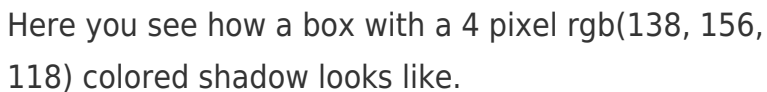
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 156, 118) }
```

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

```
.border{ border-color:rgb(138, 156, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 156, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 156, 118); box-shadow:4px 4px 4px 4px rgb(138, 156, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 22.340, 127.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 156, 118) }
```

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

```
.background{ background-color: rgb(138,  
156, 118) }
```

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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