

Converting Colors

CIELCh(62, 23.258, 132.467)

Have a look what the booklet for
CIELCh(62, 23.258, 132.467)
contains.

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Color

CIELCh(62, 23.258, 132.467)

Conversions

Conversions Part 1

Format	Color
Hex	859D77
RGB	133, 157, 119
RGB Percent	52%, 62%, 47%
CMY	0.4787, 0.3846, 0.5336
CMYK	0.15, 0.00, 0.24, 0.38
HSL	98°, 16%, 54%
HSV	98°, 24%, 62%
XYZ	25.0339, 30.4025, 21.9813
YIQ	145.4920, -2.1060, -16.9060

Conversions

Conversions Part 2

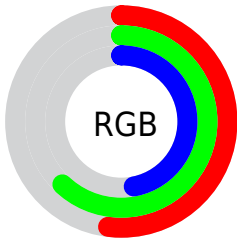
Format	Color
RYB	119, 157, 143
Decimal	8756599
CIELab	62.00, -15.70, 17.16
CIELCh	62, 23.258, 132.467
Yxy	30.4025, 0.3234, 0.3927
Android (android.graphics.Color)	4286946679 (0xFF859D77)
YUV	145.4920, -13.0606, -10.9555
Hunter-Lab	55.1385, -15.4501, 14.9606

Details

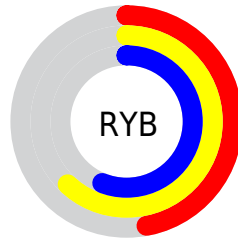
The CIELCh color **62, 23.258, 132.467** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 23.794, 314.545**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.747, 132.764**, and **42, 23.665, 132.283** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.797, 131.972**, and if you desaturate by 10%, it is **63, 13.638, 132.940**.

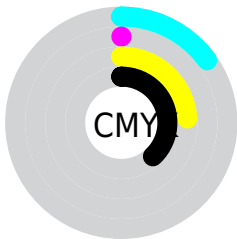
Distribution



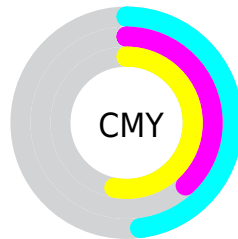
- Red (52%)
- Green (62%)
- Blue (47%)



- Red (47%)
- Yellow (62%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)




- Cyan (48%)
- Magenta (38%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.258, 132.467 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, 23.258, 132.467 by changing the saturation by 10% instead.


 62, 23.258,
132.467


 62, 23.258,
132.467


 100, 23.258,
132.467


 52, 23.258,
132.467


 82, 23.258,
132.467

 42, 23.258,
132.467

 92, 23.258,
132.467

 32, 23.258,
132.467

 22, 23.258,
132.467

 12, 23.258,
132.467

 2, 23.258, 132.467

 0, 23.258, 132.467

62, 23.258,
132.467

62, 23.258,
132.467

61, 32.797,
131.972

63, 13.638,
132.940

60, 42.121,
131.473

64, 4.024, 133.394

59, 51.052,
131.009

65, 5.517, 313.725

67, 14.939,
314.087

59, 59.340,
130.644

68, 24.209,
314.396

58, 66.648,
130.473

70, 33.304,
314.666

58, 72.582,
130.617

71, 42.213,
314.901

57, 76.804,
131.183

73, 50.927,
315.106

57, 78.777,

131.553

 74, 56.963,
316.286

Harmonies

Complementary

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



62, 23.258, 132.467



53, 23.794, 314.545

Rectangle

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



62, 23.258, 132.467



62, 23.258, 182.467



62, 23.258, 312.467



62, 23.258, 2.467

Sweetspot

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



62, 23.260, 132.468



81, 8.295, 133.259



60, 14.550, 83.843



43, 5.379, 133.235



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, 23.260, 132.468



78, 34.470, 132.205



61, 24.059, 146.150



33, 5.449, 133.164



52, 73.421, 131.433



3, 7.161, 134.150

Inverse Universe

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



53, 23.794, 314.545



65, 35.444, 314.783



55, 24.103, 329.172



31, 5.502, 313.890



24, 78.685, 315.514



1, 7.069, 312.450

Previews

White Background



This preview shows how the CIELCh color 62, 23.258, 132.467 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, 23.258, 132.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

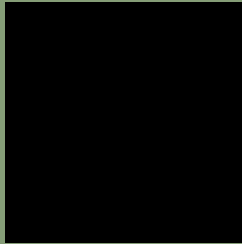
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 23.258, 132.467

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.258, 132.467.

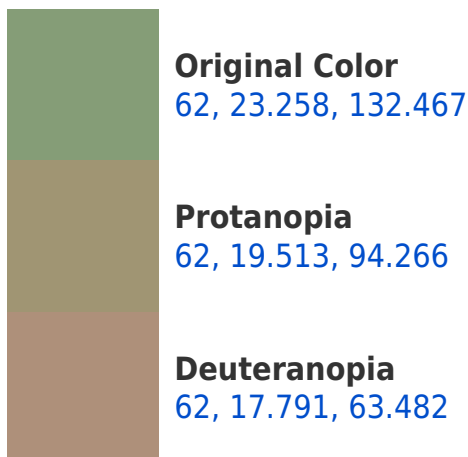


This preview shows how white text looks on a background with the CIELCh color 62, 23.258, 132.467.

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





Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 23.258, 132.467

Protanomaly
62, 20.004, 110.329

Deuteranomaly
62, 16.171, 93.480

Tritanomaly
62, 7.011, 170.104

Monochromacy



Original Color
62, 23.258, 132.467

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 7.975, 132.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.258, 132.467 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(133, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 157, 119)  
}
```

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(133, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 157, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.258, 132.467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

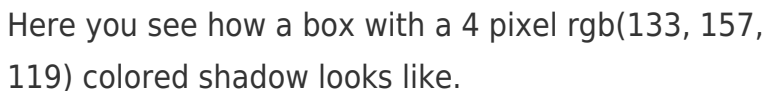
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 157, 119) }
```

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

```
.border{ border-color:rgb(133, 157, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 157, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 157, 119); box-shadow:4px 4px 4px 4px rgb(133, 157, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.258, 132.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 157, 119) }
```

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

```
.background{ background-color: rgb(133,  
157, 119) }
```

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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