

Converting Colors

CIELCh(62, 13.554, 94.823)

Have a look what the booklet for
CIELCh(62, 13.554, 94.823) contains.

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Color

CIELCh(62, 13.687, 96.530)

Conversions

Conversions Part 1

Format	Color
Hex	9D967E
RGB	157, 150, 126
RGB Percent	62%, 59%, 49%
CMY	0.3851, 0.4125, 0.5066
CMYK	0.00, 0.04, 0.20, 0.39
HSL	46°, 14%, 55%
HSV	46°, 20%, 61%
XYZ	28.4972, 30.4025, 24.0427
YIQ	149.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

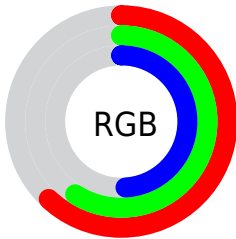
Format	Color
RYB	135, 157, 126
Decimal	10327678
CIELab	62.00, -1.56, 13.60
CIELCh	62, 13.687, 96.530
Yxy	30.4025, 0.3436, 0.3665
Android (android.graphics.Color)	4288517758 (0xFF9D967E)
YUV	149.3570, -11.5150, 6.7029
Hunter-Lab	55.1385, -4.2383, 12.7441

Details

The CIELCh color **62, 13.687, 96.530** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **56, 13.925, 281.376**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 13.525, 95.881**, and **42, 13.473, 96.582** is the 20% darker color. If you saturate the color by 10%, you get **61, 20.688, 95.341**, and if you desaturate by 10%, it is **63, 6.727, 97.694**.

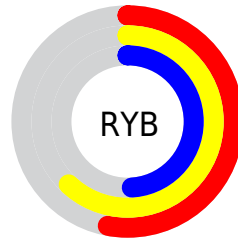
Distribution



Red (62%)

Green (59%)

Blue (49%)



Red (53%)

Yellow (62%)

Blue (49%)

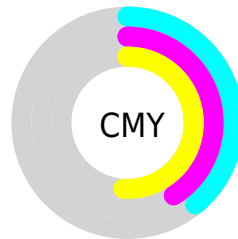


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (39%)



Cyan (39%)

Magenta (41%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 13.687, 96.530 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, 13.687, 96.530 by changing the saturation by 10% instead.

■ 62, 13.687, 96.530

■ 62, 13.687, 96.530

■ 100, 13.687,
96.530

■ 52, 13.687, 96.530

■ 82, 13.687, 96.530

■ 42, 13.687, 96.530

■ 92, 13.687, 96.530

■ 32, 13.687, 96.530

■ 22, 13.687, 96.530

■ 12, 13.687, 96.530

■ 2, 13.687, 96.530

■ 0, 13.687, 96.530

■ 62, 13.687, 96.530

■ 62, 13.687, 96.530

■ 61, 20.688, 95.341

■ 63, 6.727, 97.694

59, 27.679, 94.115

65, 0.170, 279.689

58, 34.574, 92.866

66, 6.991, 279.952

57, 41.222, 91.594

68, 13.732,
280.984

56, 47.364, 90.292

69, 20.392,
281.975

55, 52.604, 88.937

54, 56.412, 87.475

70, 26.973,
282.919

53, 58.798, 85.897

72, 33.477,
283.816

53, 58.856, 85.861

74, 39.908,
284.665

75, 40.015,
283.183

Harmonies

Complementary

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



62, 13.687, 96.530



56, 13.925, 281.376

Rectangle

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



62, 13.687, 96.530



62, 13.687, 146.530



62, 13.687, 276.530



62, 13.687, 326.530

Sweetspot

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



62, 13.688, 96.537



81, 5.109, 98.097



56, 13.167, 2.697



43, 3.383, 98.033



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, 13.688, 96.537



78, 20.634, 95.979



63, 17.498, 119.367



33, 3.921, 97.751



48, 55.001, 86.019



3, 4.938, 96.575

Inverse Universe

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



56, 13.925, 281.376



68, 21.084, 282.101



54, 18.190, 301.848



31, 3.958, 279.939



20, 72.414, 300.951



1, 5.189, 279.548

Previews

White Background



This preview shows how the CIELCh color 62, 13.687, 96.530 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, 13.687, 96.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

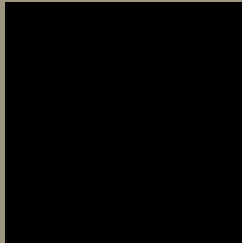
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

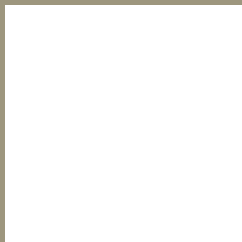
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 13.687, 96.530

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.687, 96.530.



This preview shows how white text looks on a background with the CIELCh color 62, 13.687, 96.530.

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, 13.687, 96.530

Protanopia

62, 13.366, 92.626

Deuteranopia

62, 15.149, 58.770



Tritanopia
62, 9.150, 332.943

Trichromacy



Original Color
62, 13.687, 96.530

Protanomaly
62, 13.366, 92.626

Deuteranomaly
62, 13.529, 71.194

Tritanomaly
62, 4.750, 26.509

Monochromacy



Original Color
62, 13.687, 96.530

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.619, 94.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.687, 96.530 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(157, 150, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 150, 126)  
}
```

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(157, 150, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 150, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.687, 96.530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

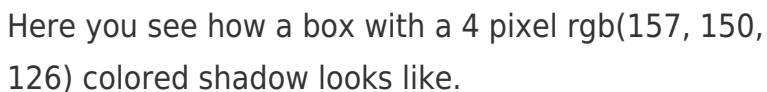
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 150, 126) }
```

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

```
.border{ border-color:rgb(157, 150, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 150, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 150, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 150, 126); box-shadow:4px 4px 4px 4px rgb(157, 150, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.687, 96.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 150, 126) }
```

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

```
.background{ background-color: rgb(157,  
150, 126) }
```

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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