

Converting Colors

CIELCh(62, 25.131, 146.856)

Have a look what the booklet for
CIELCh(62, 25.131, 146.856)
contains.

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Color

CIELCh(62, 25.324, 146.945)

Conversions

Conversions Part 1

Format	Color
Hex	77A07D
RGB	119, 160, 125
RGB Percent	47%, 63%, 49%
CMY	0.5345, 0.3738, 0.5110
CMYK	0.26, 0.00, 0.22, 0.37
HSL	129°, 18%, 55%
HSV	129°, 26%, 63%
XYZ	23.7621, 30.4025, 23.9148
YIQ	143.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

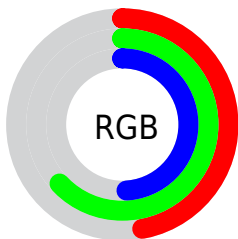
Format	Color
RYB	119, 155, 160
Decimal	7839869
CIELab	62.00, -21.23, 13.81
CIElCh	62, 25.324, 146.945
Yxy	30.4025, 0.3043, 0.3894
Android (android.graphics.Color)	4286029949 (0xFF77A07D)
YUV	143.7510, -9.2442, -21.7066
Hunter-Lab	55.1385, -19.5674, 12.8815

Details

The CIELCh color **62, 25.324, 146.945** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 25.389, 330.243**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 25.252, 147.155**, and **42, 25.187, 147.173** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.091, 146.035**, and if you desaturate by 10%, it is **63, 15.431, 147.733**.

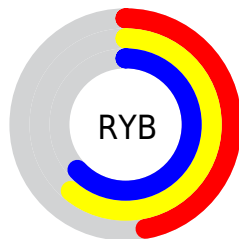
Distribution



Red (47%)

Green (63%)

Blue (49%)



Red (47%)

Yellow (61%)

Blue (63%)

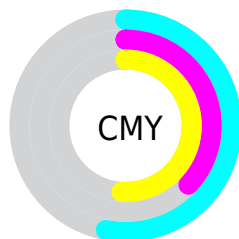


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (53%)


Magenta (37%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.324, 146.945 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, 25.324, 146.945 by changing the saturation by 10% instead.


 62, 25.324,
146.945


 62, 25.324,
146.945


 100, 25.324,
146.945


 52, 25.324,
146.945


 82, 25.324,
146.945

 42, 25.324,
146.945

 92, 25.324,
146.945

 32, 25.324,
146.945

 22, 25.324,
146.945

 12, 25.324,
146.945

 2, 25.324, 146.945

 0, 25.324, 146.945

■ 62, 25.324,
146.945

■ 62, 25.324,
146.945

■ 61, 35.091,
146.035

■ 63, 15.431,
147.733

■ 60, 44.551,
144.987

■ 65, 5.549, 148.433

■ 59, 53.498,
143.795

■ 66, 4.214, 328.908

■ 58, 61.699,
142.466

■ 68, 13.780,
329.448

■ 58, 68.909,
141.035

■ 70, 23.099,
329.889

■ 57, 74.888,
139.570

■ 72, 32.141,
330.270


■ 57, 79.435,
138.187

■ 74, 40.888,
330.602

■ 57, 81.006,

■ 76, 49.339,
330.896

137.719

 78, 56.226,
328.838

Harmonies

Complementary

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



62, 25.324, 146.945



55, 25.389, 330.243

Rectangle

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



62, 25.324, 146.945



62, 25.324, 196.945



62, 25.324, 326.945



62, 25.324, 16.945

Sweetspot

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



62, 25.325, 146.945



81, 9.674, 148.262



64, 22.653, 113.474



43, 6.937, 148.164



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 25.325, 146.945



78, 37.675, 146.423



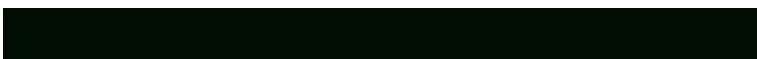
62, 17.521, 169.095



33, 5.504, 148.188



51, 74.396, 137.858



3, 7.214, 148.487

Inverse Universe

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



55, 25.389, 330.243



67, 37.754, 330.608



54, 18.548, 354.080



31, 5.518, 329.238



32, 67.079, 334.908



1, 7.039, 329.623

Previews

White Background



This preview shows how the CIELCh color 62, 25.324, 146.945 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, 25.324, 146.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

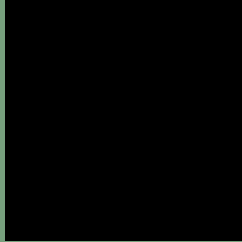
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.324, 146.945

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.324, 146.945.

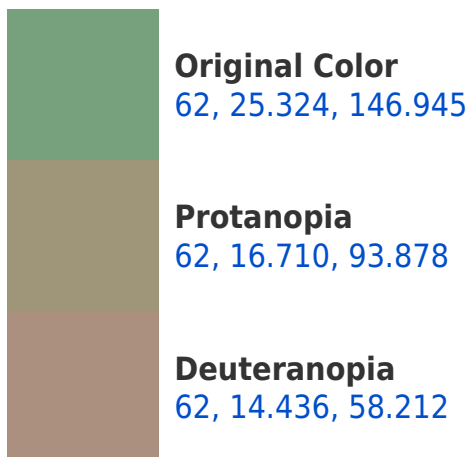



This preview shows how white text looks on a background with the CIELCh color 62, 25.324, 146.945.

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, 11.785, 233.734

Trichromacy



Original Color
62, 25.324, 146.945

Protanomaly
62, 17.644, 120.279

Deuteranomaly
62, 12.857, 105.094

Tritanomaly
62, 12.512, 185.274

Monochromacy



Original Color
62, 25.324, 146.945

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.429, 147.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.324, 146.945 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(119, 160, 125)` looks like.

```
.text, #text, p{  
    color:rgb(119, 160, 125)  
}
```

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(119, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 160, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.324, 146.945 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(119, 160, 125) }
```

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

```
.border{ border-color:rgb(119, 160, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(119, 160,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.324, 146.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 160, 125) }
```

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

```
.background{ background-color: rgb(119,  
160, 125) }
```

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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