

Converting Colors

CIELCh(62, 33.012, 149.214)

Have a look what the booklet for
CIELCh(62, 33.012, 149.214)
contains.

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Color

CIELCh(62, 33.195, 149.186)

Conversions

Conversions Part 1

Format	Color
Hex	69A377
RGB	105, 163, 119
RGB Percent	41%, 64%, 47%
CMY	0.5893, 0.3619, 0.5344
CMYK	0.36, 0.00, 0.27, 0.36
HSL	134°, 24%, 52%
HSV	134°, 36%, 64%
XYZ	22.1514, 30.4025, 22.0671
YIQ	140.6420, -20.4440, -25.9800

Conversions

Conversions Part 2

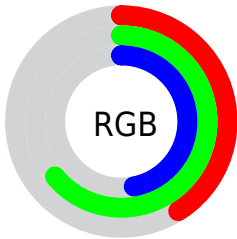
Format	Color
RYB	105, 152, 163
Decimal	6923127
CIELab	62.00, -28.51, 17.00
CIELCh	62, 33.195, 149.186
Yxy	30.4025, 0.2969, 0.4074
Android (android.graphics.Color)	4285113207 (0xFF69A377)
YUV	140.6420, -10.6695, -31.2580
Hunter-Lab	55.1385, -24.7815, 14.8683

Details

The CIELCh color **62, 33.195, 149.186** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **52, 33.410, 334.410**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 33.228, 149.044**, and **42, 33.482, 149.019** is the 20% darker color. If you saturate the color by 10%, you get **61, 42.152, 148.090**, and if you desaturate by 10%, it is **63, 23.959, 150.138**.

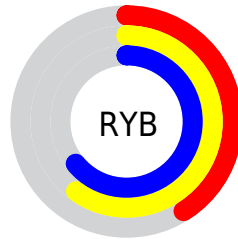
Distribution



Red (41%)

Green (64%)

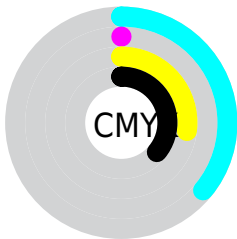
Blue (47%)



Red (41%)

Yellow (60%)

Blue (64%)

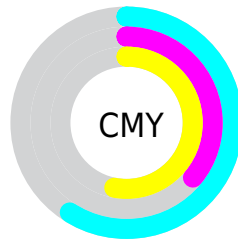


Cyan (36%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (59%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 33.195, 149.186 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, 33.195, 149.186 by changing the saturation by 10% instead.


 62, 33.195,
149.186


 62, 33.195,
149.186


 100, 33.195,
149.186


 52, 33.195,
149.186


 82, 33.195,
149.186

 42, 33.195,
149.186

 92, 33.195,
149.186

 32, 33.195,
149.186

 22, 33.195,
149.186

 12, 33.195,
149.186

 2, 33.195, 149.186

 0, 33.195, 149.186

■ 62, 33.195,
149.186

■ 62, 33.195,
149.186

■ 61, 42.152,
148.090

■ 63, 23.959,
150.138

■ 60, 50.648,
146.833

■ 65, 14.595,
150.968

■ 59, 58.497,
145.410

■ 66, 5.234, 151.715

■ 59, 65.518,
143.829

■ 68, 4.025, 332.216

■ 59, 71.551,
142.126

■ 69, 13.110,
332.808

■ 58, 76.483,
140.380

■ 71, 21.970,
333.297

■ 58, 78.355,
139.706

■ 73, 30.576,
333.727

■ 75, 38.909,
334.110

■ 77, 46.965,
334.453

Harmonies

Complementary

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



62, 33.195, 149.186



52, 33.410, 334.410

Rectangle

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



62, 33.195, 149.186



62, 33.195, 199.186



62, 33.195, 329.186



62, 33.195, 19.186

Sweetspot

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



62, 33.196, 149.186



83, 12.690, 151.304



65, 32.087, 117.015



44, 8.600, 151.209



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 33.196, 149.186



78, 49.290, 148.303



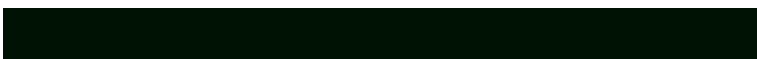
63, 22.611, 174.826



34, 5.275, 151.447



52, 71.825, 139.889



4, 8.324, 151.197

Inverse Universe

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



52, 33.410, 334.410



63, 49.523, 335.021



51, 25.444, 2.409



32, 5.296, 332.578



32, 63.368, 340.496



1, 7.881, 334.061

Previews

White Background



This preview shows how the CIELCh color 62, 33.195, 149.186 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, 33.195, 149.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

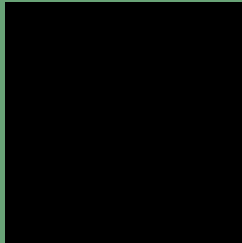
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 33.195, 149.186

Background



This preview shows how black text looks on a background with the CIELCh color 62, 33.195, 149.186.



This preview shows how white text looks on a background with the CIELCh color 62, 33.195, 149.186.

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, 33.195, 149.186

Protanopia
62, 21.130, 95.073

Deuteranopia
62, 17.004, 61.020



Tritanopia
62, 15.553, 226.509

Trichromacy



Original Color
62, 33.195, 149.186

Protanomaly
62, 22.937, 122.302

Deuteranomaly
61, 16.193, 111.271

Tritanomaly
62, 17.389, 184.715

Monochromacy



Original Color
62, 33.195, 149.186

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 12.278, 150.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 33.195, 149.186 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(105, 163, 119)` looks like.

```
.text, #text, p{  
    color:rgb(105, 163, 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(105, 163, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 163, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 33.195, 149.186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

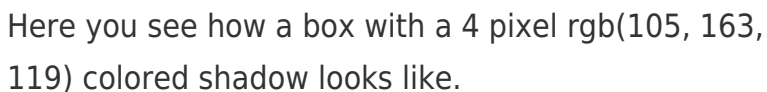
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 163, 119) }
```

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

```
.border{ border-color:rgb(105, 163, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 163, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 163, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 163, 119); box-shadow:4px 4px 4px 4px rgb(105, 163, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 33.195, 149.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 163, 119) }
```

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

```
.background{ background-color: rgb(105,  
163, 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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