

Converting Colors

CIELCh(62, 12.823, 168.521)

Have a look what the booklet for
CIELCh(62, 12.823, 168.521)
contains.

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Color

CIELCh(62, 12.644, 169.033)

Conversions

Conversions Part 1

Format	Color
Hex	7F9C91
RGB	127, 156, 145
RGB Percent	50%, 61%, 57%
CMY	0.5014, 0.3876, 0.4308
CMYK	0.19, 0.00, 0.07, 0.39
HSL	157°, 13%, 56%
HSV	157°, 19%, 61%
XYZ	25.8127, 30.4025, 31.3585
YIQ	146.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

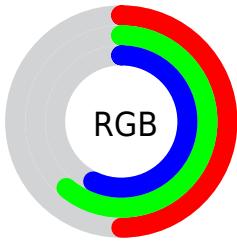
Format	Color
RYB	127, 145, 156
Decimal	8363153
CIELab	62.00, -12.41, 2.41
CIELCh	62, 12.644, 169.033
Yxy	30.4025, 0.2948, 0.3472
Android (android.graphics.Color)	4286553233 (0xFF7F9C91)
YUV	146.0750, -0.5300, -16.7288
Hunter-Lab	55.1385, -12.9287, 4.8774

Details

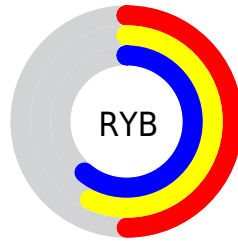
The CIELCh color $62, 12.644, 169.033$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 13.144, 352.439$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.877, 168.902$, and $42, 12.821, 169.713$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.269, 167.987$, and if you desaturate by 10%, it is $63, 5.866, 170.010$.

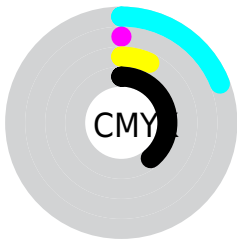
Distribution



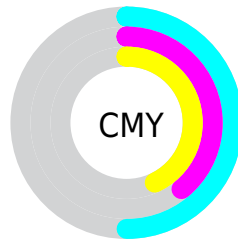
- Red (50%)
- Green (61%)
- Blue (57%)



- Red (50%)
- Yellow (57%)
- Blue (61%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (39%)





- Cyan (50%)
- Magenta (39%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.644, 169.033 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, 12.644, 169.033 by changing the saturation by 10% instead.


 62, 12.644,
169.033


 62, 12.644,
169.033


 100, 12.644,
169.033


 52, 12.644,
169.033


 82, 12.644,
169.033

 42, 12.644,
169.033

 92, 12.644,
169.033

 32, 12.644,
169.033

 22, 12.644,
169.033

 12, 12.644,
169.033

 2, 12.644, 169.033

 0, 12.644, 169.033

■ 62, 12.644,
169.033

■ 62, 12.644,
169.033

■ 61, 19.269,
167.987

■ 63, 5.866, 170.010

■ 60, 25.635,
166.844

■ 65, 0.982, 350.438

■ 66, 7.827, 351.584

■ 59, 31.636,
165.578

■ 68, 14.613,
352.367

■ 58, 37.162,
164.166

■ 69, 21.298,
353.091

■ 58, 42.118,
162.582

■ 71, 27.854,
353.773

■ 57, 46.439,
160.807


■ 73, 34.261,
354.420


■ 57, 50.105,
158.830

■ 75, 40.508,
355.035

■ 57, 53.232,

156.714

 76, 42.604,
351.946

 57, 53.670,
156.425

Harmonies

Complementary

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



62, 12.644, 169.033



56, 13.144, 352.439

Rectangle

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



62, 12.644, 169.033



62, 12.644, 219.033



62, 12.644, 349.033



62, 12.644, 39.033

Sweetspot

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



62, 12.645, 169.030



81, 5.105, 170.256



62, 17.693, 132.247



43, 3.378, 170.196



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, 12.645, 169.030



79, 18.562, 168.637



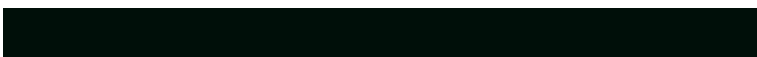
61, 9.485, 210.249



33, 3.906, 169.943



52, 50.100, 156.617



3, 5.242, 168.728

Inverse Universe

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



56, 13.144, 352.439



70, 19.454, 352.866



57, 10.722, 30.717



31, 3.985, 351.474



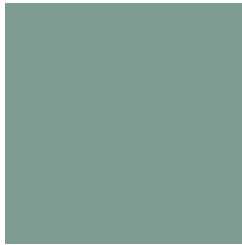
30, 55.157, 12.447



1, 5.076, 351.947

Previews

White Background



This preview shows how the CIELCh color 62, 12.644, 169.033 looks on a white background.

Color Contrast Check

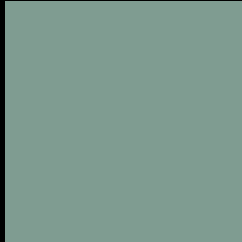
Large Text (above 18pt) WCAG AA × Fail

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, 12.644, 169.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

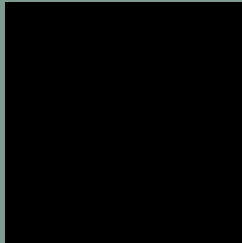
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

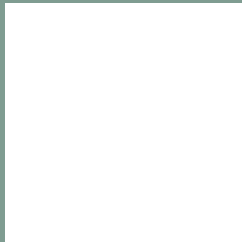
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.644, 169.033

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.644, 169.033.



This preview shows how white text looks on a background with the CIELCh color 62, 12.644, 169.033.

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, 12.644, 169.033

Protanopia
62, 4.878, 85.720

Deuteranopia
62, 8.056, 8.174



Tritanopia
62, 10.206, 240.365

Trichromacy



Original Color
62, 12.644, 169.033

Protanomaly
62, 5.948, 141.146

Deuteranomaly
62, 1.351, 74.888

Tritanomaly
62, 8.980, 213.231

Monochromacy



Original Color
62, 12.644, 169.033

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.806, 171.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.644, 169.033 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(127, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(127, 156, 145)  
}
```

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(127, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.644, 169.033 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(127, 156, 145) }
```

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

```
.border{ border-color:rgb(127, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(127, 156,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.644, 169.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 145) }
```

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

```
.background{ background-color: rgb(127,  
156, 145) }
```

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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