

Converting Colors

CIELCh(62, 12.727, 163.086)

Have a look what the booklet for
CIELCh(62, 12.727, 163.086)
contains.

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Color

CIELCh(62, 12.682, 163.198)

Conversions

Conversions Part 1

Format	Color
Hex	819C8F
RGB	129, 156, 143
RGB Percent	51%, 61%, 56%
CMY	0.4943, 0.3884, 0.4394
CMYK	0.17, 0.00, 0.08, 0.39
HSL	151°, 12%, 56%
HSV	151°, 17%, 61%
XYZ	25.8780, 30.4025, 30.4692
YIQ	146.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

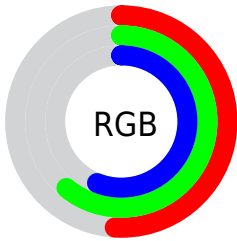
Format	Color
RYB	129, 147, 156
Decimal	8494223
CIELab	62.00, -12.14, 3.67
CIElCh	62, 12.682, 163.198
Yxy	30.4025, 0.2983, 0.3505
Android (android.graphics.Color)	4286684303 (0xFF819C8F)
YUV	146.4450, -1.6984, -15.2993
Hunter-Lab	55.1385, -12.7176, 5.8337

Details

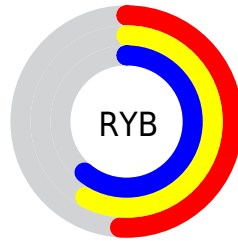
The CIELCh color $62, 12.682, 163.198$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 12.982, 346.129$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 12.900, 163.435$, and $42, 12.884, 163.653$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.913, 162.200$, and if you desaturate by 10%, it is $63, 5.360, 164.122$.

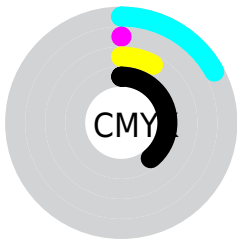
Distribution



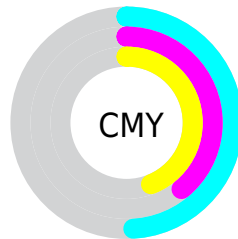
- Red (51%)
- Green (61%)
- Blue (56%)



- Red (51%)
- Yellow (58%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)




- Cyan (49%)
- Magenta (39%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.682, 163.198 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, 12.682, 163.198 by changing the saturation by 10% instead.

 62, 12.682,
163.198


 62, 12.682,
163.198

 100, 12.682,
163.198

 52, 12.682,
163.198


 82, 12.682,
163.198

 42, 12.682,
163.198

 92, 12.682,
163.198

 32, 12.682,
163.198

 22, 12.682,
163.198

 12, 12.682,
163.198

 2, 12.682, 163.198

 0, 12.682, 163.198

■ 62, 12.682,
163.198

■ 62, 12.682,
163.198

■ 61, 19.913,
162.200

■ 63, 5.360, 164.122

■ 60, 26.945,
161.094

■ 65, 1.972, 344.693

■ 66, 9.244, 345.571

■ 59, 33.664,
159.854

■ 68, 16.404,
346.271

■ 58, 39.951,
158.454

■ 70, 23.416,
346.913

■ 58, 45.696,
156.873

■ 72, 30.255,
347.510

■ 57, 50.814,
155.093


■ 73, 36.908,
348.069


■ 57, 55.262,
153.108

■ 76, 43.368,
348.597

■ 56, 59.102,

150.968

 76, 45.688,
344.630

 56, 60.097,
150.418

Harmonies

Complementary

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



62, 12.682, 163.198



57, 12.982, 346.129

Rectangle

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



62, 12.682, 163.198



62, 12.682, 213.198



62, 12.682, 343.198



62, 12.682, 33.198

Sweetspot

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



62, 12.683, 163.196



81, 4.558, 164.335



63, 16.048, 128.897



43, 3.103, 164.271



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, 12.683, 163.196



79, 19.119, 162.799



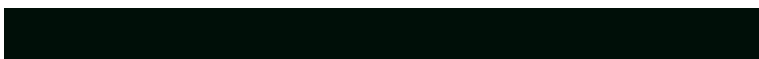
62, 9.723, 200.065



33, 4.192, 163.942



52, 56.133, 150.609



3, 5.597, 163.216

Inverse Universe

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



57, 12.982, 346.129



71, 19.674, 346.531



57, 10.862, 21.865



31, 4.248, 345.376



30, 54.970, 2.756



1, 5.403, 346.048

Previews

White Background



This preview shows how the CIELCh color 62, 12.682, 163.198 looks on a white background.

Color Contrast Check

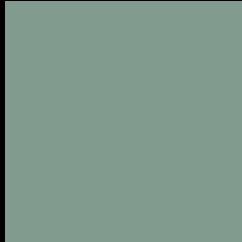
Large Text (above 18pt) WCAG AA × Fail

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, 12.682, 163.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

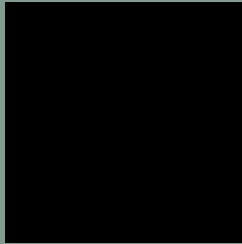
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

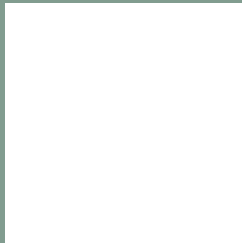
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.682, 163.198

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.682, 163.198.

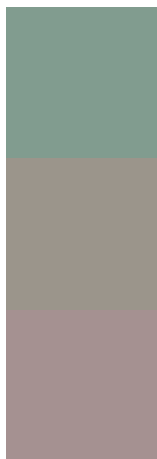


This preview shows how white text looks on a background with the CIELCh color 62, 12.682, 163.198.

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](#).

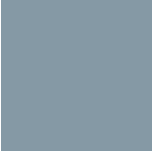
Dichromacy



Original Color
62, 12.682, 163.198

Protanopia
62, 6.068, 86.341

Deuteranopia
62, 7.935, 20.127



Tritanopia
62, 9.702, 243.077

Trichromacy



Original Color
62, 12.682, 163.198

Protanomaly
62, 7.126, 128.744

Deuteranomaly
62, 3.021, 86.934

Tritanomaly
62, 8.210, 210.621

Monochromacy



Original Color
62, 12.682, 163.198

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.795, 163.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.682, 163.198 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(129, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(129, 156, 143)  
}
```

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(129, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 156, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.682, 163.198 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(129, 156, 143) }
```

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

```
.border{ border-color:rgb(129, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(129, 156,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.682, 163.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 156, 143) }
```

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

```
.background{ background-color: rgb(129,  
156, 143) }
```

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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