

Converting Colors

CIELCh(62, 11.696, 166.766)

Have a look what the booklet for
CIELCh(62, 11.696, 166.766)
contains.

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Color

CIELCh(62, 11.706, 166.564)

Conversions

Conversions Part 1

Format	Color
Hex	829C91
RGB	130, 156, 145
RGB Percent	51%, 61%, 57%
CMY	0.4916, 0.3897, 0.4328
CMYK	0.17, 0.00, 0.07, 0.39
HSL	155°, 12%, 56%
HSV	155°, 17%, 61%
XYZ	26.0592, 30.4025, 31.1350
YIQ	146.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

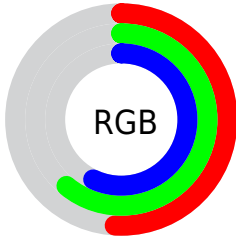
Format	Color
RYB	130, 146, 156
Decimal	8559761
CIELab	62.00, -11.39, 2.72
CIELCh	62, 11.706, 166.564
Yxy	30.4025, 0.2975, 0.3471
Android (android.graphics.Color)	4286749841 (0xFF829C91)
YUV	146.9720, -0.9722, -14.8844
Hunter-Lab	55.1385, -12.1307, 5.1178

Details

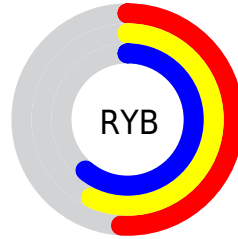
The CIELCh color $62, 11.706, 166.564$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 12.052, 349.504$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 11.980, 166.540$, and $42, 11.841, 167.320$ is the 20% darker color. If you saturate the color by 10%, you get $61, 18.592, 165.546$, and if you desaturate by 10%, it is $63, 4.707, 167.521$.

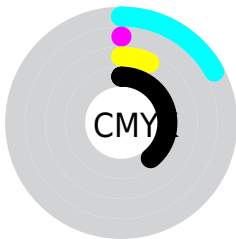
Distribution



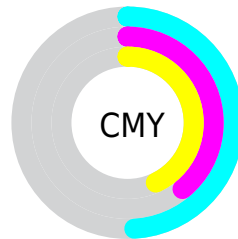
- Red (51%)
- Green (61%)
- Blue (57%)



- Red (51%)
- Yellow (57%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (39%)





- Cyan (49%)
- Magenta (39%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.706, 166.564 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, 11.706, 166.564 by changing the saturation by 10% instead.


 62, 11.706,
166.564


 62, 11.706,
166.564


 100, 11.706,
166.564


 52, 11.706,
166.564


 82, 11.706,
166.564

 42, 11.706,
166.564

 92, 11.706,
166.564

 32, 11.706,
166.564

 22, 11.706,
166.564

 12, 11.706,
166.564

 2, 11.706, 166.564

 0, 11.706, 166.564

■ 62, 11.706,
166.564

■ 62, 11.706,
166.564

■ 61, 18.592,
165.546

■ 63, 4.707, 167.521

■ 60, 25.261,
164.430

■ 65, 2.324, 348.129

■ 66, 9.318, 349.021

■ 59, 31.605,
163.188

■ 68, 16.225,
349.761

■ 58, 37.511,
161.796

■ 70, 23.005,
350.446

■ 58, 42.874,
160.231

■ 71, 29.635,
351.088

■ 57, 47.617,
158.472


■ 73, 36.098,
351.694


■ 57, 51.705,
156.509

■ 75, 42.386,
352.269

■ 57, 55.191,

154.373

 76, 44.135,
348.405

 56, 56.296,
153.692

Harmonies

Complementary

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



62, 11.706, 166.564



57, 12.052, 349.504

Rectangle

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



62, 11.706, 166.564



62, 11.706, 216.564



62, 11.706, 346.564



62, 11.706, 36.564

Sweetspot

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



62, 11.707, 166.561



80, 4.333, 167.684



62, 15.650, 130.656



43, 2.980, 167.616



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, 11.707, 166.561



78, 17.267, 166.197



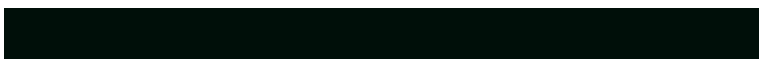
62, 8.933, 204.932



33, 4.023, 167.273



52, 52.677, 153.879



3, 5.388, 166.281

Inverse Universe

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



57, 12.052, 349.504



70, 17.889, 349.886



57, 9.957, 26.031



31, 4.091, 348.768



30, 54.849, 8.287



1, 5.209, 349.333

Previews

White Background



This preview shows how the CIELCh color 62, 11.706, 166.564 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, 11.706, 166.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

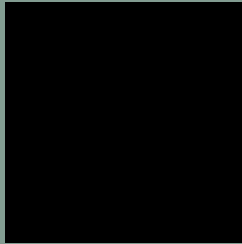
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

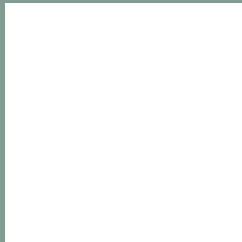
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 11.706, 166.564

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.706, 166.564.



This preview shows how white text looks on a background with the CIELCh color 62, 11.706, 166.564.

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

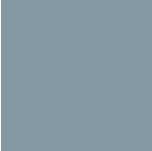
62, 11.706, 166.564

Protanopia

62, 4.878, 85.720

Deuteranopia

62, 7.976, 12.111



Tritanopia
62, 9.702, 243.077

Trichromacy



Original Color
62, 11.706, 166.564

Protanomaly
62, 5.576, 134.453

Deuteranomaly
62, 2.033, 74.807

Tritanomaly
62, 8.306, 214.494

Monochromacy



Original Color
62, 11.706, 166.564

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.150, 166.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.706, 166.564 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(130, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 156, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.706, 166.564 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(130, 156, 145) }
```

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

```
.border{ border-color:rgb(130, 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(130, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(130, 156,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.706, 166.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 156, 145) }
```

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

```
.background{ background-color: rgb(130,  
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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