

Converting Colors

CIELCh(62, 16.002, 168.610)

Have a look what the booklet for
CIELCh(62, 16.002, 168.610)
contains.

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Color

CIELCh(62, 16.019, 168.596)

Conversions

Conversions Part 1

Format	Color
Hex	799E90
RGB	121, 158, 144
RGB Percent	47%, 62%, 56%
CMY	0.5266, 0.3815, 0.4364
CMYK	0.23, 0.00, 0.09, 0.38
HSL	157°, 16%, 55%
HSV	157°, 23%, 62%
XYZ	25.0340, 30.4025, 30.8189
YIQ	145.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

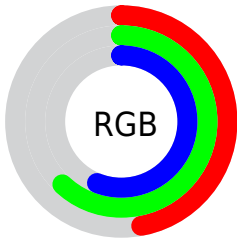
Format	Color
RYB	121, 144, 158
Decimal	7970448
CIELab	62.00, -15.70, 3.17
CIElCh	62, 16.019, 168.596
Yxy	30.4025, 0.2902, 0.3525
Android (android.graphics.Color)	4286160528 (0xFF799E90)
YUV	145.3410, -0.6611, -21.3471
Hunter-Lab	55.1385, -15.4499, 5.4576

Details

The CIELCh color $62, 16.019, 168.596$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 16.831, 353.051$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 16.107, 168.689$, and $42, 16.331, 168.716$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.578, 167.504$, and if you desaturate by 10%, it is $63, 9.256, 169.598$.

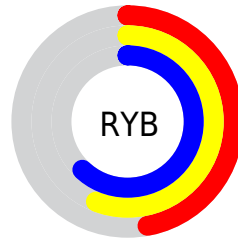
Distribution



Red (47%)

Green (62%)

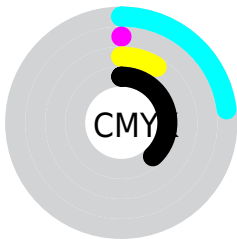
Blue (56%)



Red (47%)

Yellow (56%)

Blue (62%)

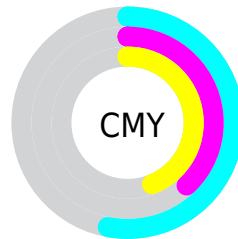


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (53%)


Magenta (38%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.019, 168.596 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, 16.019, 168.596 by changing the saturation by 10% instead.


 62, 16.019,
168.596


 62, 16.019,
168.596


 100, 16.019,
168.596


 52, 16.019,
168.596


 82, 16.019,
168.596

 42, 16.019,
168.596

 92, 16.019,
168.596

 32, 16.019,
168.596

 22, 16.019,
168.596

 12, 16.019,
168.596

 2, 16.019, 168.596

 0, 16.019, 168.596

■ 62, 16.019,
168.596

■ 62, 16.019,
168.596

■ 61, 22.578,
167.504

■ 63, 9.256, 169.598

■ 60, 28.822,
166.303

■ 65, 2.382, 170.624

■ 66, 4.523, 351.224

■ 59, 34.642,
164.967

■ 68, 11.396,
352.060

■ 59, 39.932,
163.472

■ 69, 18.185,
352.811

■ 58, 44.611,
161.795

■ 71, 24.858,
353.514

■ 58, 48.632,
159.920


■ 73, 31.389,
354.178

■ 57, 52.005,
157.844

■ 75, 37.763,
354.810

■ 57, 54.014,

156.473

 76, 41.535,
353.151

Harmonies

Complementary

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



62, 16.019, 168.596



55, 16.831, 353.051

Rectangle

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



62, 16.019, 168.596



62, 16.019, 218.596



62, 16.019, 348.596



62, 16.019, 38.596

Sweetspot

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



62, 16.020, 168.594



81, 5.951, 170.217



62, 22.529, 132.015



42, 3.857, 170.164



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, 16.020, 168.594



78, 23.456, 168.053



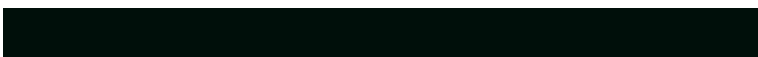
61, 11.885, 210.270



33, 3.904, 170.008



52, 50.040, 156.684



3, 5.239, 168.787

Inverse Universe

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



55, 16.831, 353.051



67, 24.917, 353.657



55, 13.924, 30.927



31, 3.982, 351.539



30, 55.168, 12.544



1, 5.073, 352.010

Previews

White Background



This preview shows how the CIELCh color 62, 16.019, 168.596 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, 16.019, 168.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

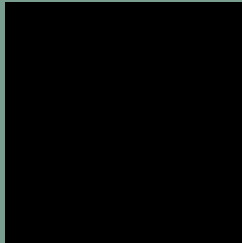
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 16.019, 168.596

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.019, 168.596.

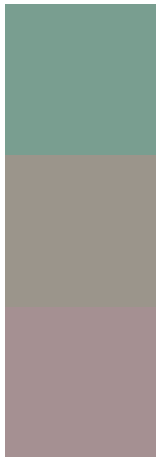


This preview shows how white text looks on a background with the CIELCh color 62, 16.019, 168.596.

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, 16.019, 168.596

Protanopia
62, 6.068, 86.341

Deuteranopia
62, 8.385, 12.549



Tritanopia
62, 12.336, 235.148

Trichromacy



Original Color
62, 16.019, 168.596

Protanomaly
62, 7.119, 139.050

Deuteranomaly
62, 2.235, 109.906

Tritanomaly
62, 11.632, 209.634

Monochromacy



Original Color
62, 16.019, 168.596

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 6.088, 171.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.019, 168.596 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(121, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(121, 158, 144)  
}
```

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(121, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 158, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.019, 168.596 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(121, 158, 144) }
```

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

```
.border{ border-color:rgb(121, 158, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 158, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(121, 158,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.019, 168.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 158, 144) }
```

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

```
.background{ background-color: rgb(121,  
158, 144) }
```

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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