

Converting Colors

CIELCh(62, 17.453, 175.357)

Have a look what the booklet for
CIELCh(62, 17.453, 175.357)
contains.

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Color

CIELCh(62, 17.579, 175.259)

Conversions

Conversions Part 1

Format	Color
Hex	739F93
RGB	115, 159, 147
RGB Percent	45%, 62%, 58%
CMY	0.5503, 0.3778, 0.4248
CMYK	0.28, 0.00, 0.08, 0.38
HSL	164°, 19%, 54%
HSV	164°, 28%, 62%
XYZ	24.6108, 30.4025, 32.0418
YIQ	144.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

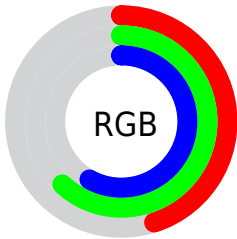
Format	Color
RYB	115, 140, 159
Decimal	7577491
CIELab	62.00, -17.52, 1.45
CIElCh	62, 17.579, 175.259
Yxy	30.4025, 0.2827, 0.3492
Android (android.graphics.Color)	4285767571 (0xFF739F93)
YUV	144.4760, 1.2443, -25.8505
Hunter-Lab	55.1385, -16.8198, 4.1426

Details

The CIELCh color **62, 17.579, 175.259** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 19.200, 0.832**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 17.660, 175.145**, and **42, 17.228, 176.740** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.441, 174.157**, and if you desaturate by 10%, it is **63, 11.407, 176.280**.

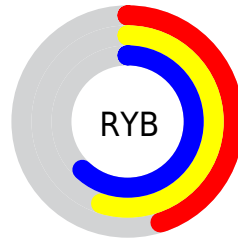
Distribution



Red (45%)

Green (62%)

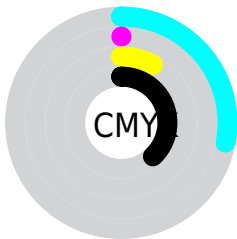
Blue (58%)



Red (45%)

Yellow (55%)

Blue (62%)

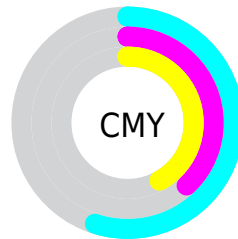


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (55%)


Magenta (38%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 17.579, 175.259 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, 17.579, 175.259 by changing the saturation by 10% instead.


 62, 17.579,
175.259


 62, 17.579,
175.259


 100, 17.579,
175.259


 52, 17.579,
175.259


 82, 17.579,
175.259

 42, 17.579,
175.259

 92, 17.579,
175.259

 32, 17.579,
175.259

 22, 17.579,
175.259

 12, 17.579,
175.259

 2, 17.579, 175.259

 0, 17.579, 175.259

■ 62, 17.579,
175.259

■ 62, 17.579,
175.259

■ 61, 23.441,
174.157

■ 63, 11.407,
176.280

■ 60, 28.883,
172.962

■ 64, 5.020, 177.270

■ 60, 33.805,
171.647

■ 66, 1.493, 357.802

■ 67, 8.057, 358.867

■ 59, 38.120,
170.189

■ 69, 14.614,
359.690

■ 59, 41.772,
168.567

■ 70, 21.119, 0.464

■ 58, 44.748,
166.761

■ 72, 27.537, 1.202

■ 74, 33.845, 1.910

■ 58, 47.146,
164.800

■ 76, 39.145, 1.973

■ 58, 47.672,

Harmonies

Complementary

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



62, 17.579, 175.259



53, 19.200, 0.832

Rectangle

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



62, 17.579, 175.259



62, 17.579, 225.259



62, 17.579, 355.259



62, 17.579, 45.259

Sweetspot

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



62, 17.580, 175.256



82, 6.442, 177.227



62, 27.545, 134.963



43, 4.610, 177.082



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 17.580, 175.256



78, 25.647, 174.618



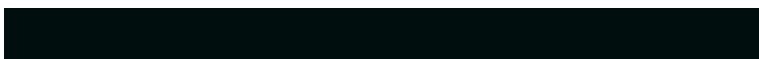
60, 13.104, 222.864



33, 3.659, 177.117



52, 43.998, 164.572



3, 4.925, 175.410

Inverse Universe

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



53, 19.200, 0.832



65, 28.582, 1.659



55, 15.732, 40.908



31, 3.766, 358.676



29, 57.296, 22.235



1, 4.800, 358.887

Previews

White Background



This preview shows how the CIELCh color 62, 17.579, 175.259 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, 17.579, 175.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

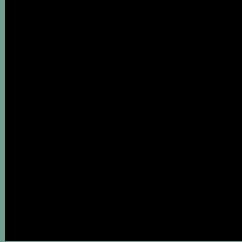
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

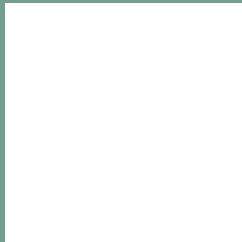
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 17.579, 175.259

Background



This preview shows how black text looks on a background with the CIELCh color 62, 17.579, 175.259.

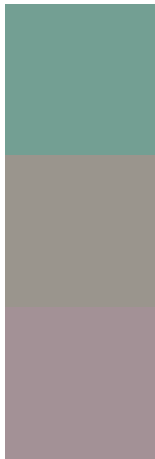


This preview shows how white text looks on a background with the CIELCh color 62, 17.579, 175.259.

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, 17.579, 175.259

Protanopia
62, 4.878, 85.720

Deuteranopia
62, 7.587, 358.508



Tritanopia
62, 14.251, 226.796

Trichromacy



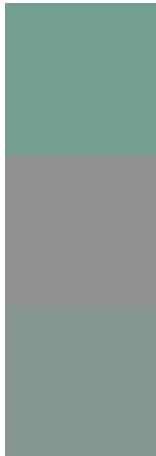
Original Color
62, 17.579, 175.259

Protanomaly
62, 7.573, 151.114

Deuteranomaly
62, 2.003, 183.170

Tritanomaly
62, 14.175, 205.062

Monochromacy



Original Color
62, 17.579, 175.259

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.531, 178.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 17.579, 175.259 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(115, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(115, 159, 147)  
}
```

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(115, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 159, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 17.579, 175.259 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(115, 159, 147) }
```

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

```
.border{ border-color:rgb(115, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(115, 159,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 17.579, 175.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 159, 147) }
```

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

```
.background{ background-color: rgb(115,  
159, 147) }
```

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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