

Converting Colors

CIELCh(62, 11.243, 207.659)

Have a look what the booklet for
CIELCh(62, 11.243, 207.659)
contains.

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Color

CIELCh(62, 11.303, 209.991)

Conversions

Conversions Part 1

Format	Color
Hex	7C9B9F
RGB	124, 155, 159
RGB Percent	49%, 61%, 62%
CMY	0.5122, 0.3906, 0.3749
CMYK	0.22, 0.03, 0.00, 0.37
HSL	187°, 15%, 56%
HSV	187°, 22%, 63%
XYZ	26.4453, 30.4025, 37.4532
YIQ	146.1870, -19.7600, -5.3280

Conversions

Conversions Part 2

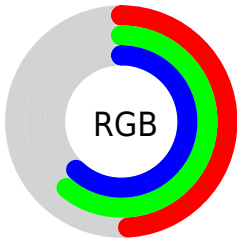
Format	Color
RYB	124, 140, 159
Decimal	8166303
CIELab	62.00, -9.79, -5.65
CIElCh	62, 11.303, 209.991
Yxy	30.4025, 0.2804, 0.3224
Android (android.graphics.Color)	4286356383 (0xFF7C9B9F)
YUV	146.1870, 6.3168, -19.4580
Hunter-Lab	55.1385, -10.8810, -1.6762

Details

The CIELCh color `62, 11.303, 209.991` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `56, 13.099, 30.632`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 11.281, 212.338`, and `42, 11.400, 210.474` is the 20% darker color. If you saturate the color by 10%, you get `61, 15.863, 210.099`, and if you desaturate by 10%, it is `64, 6.345, 210.011`.

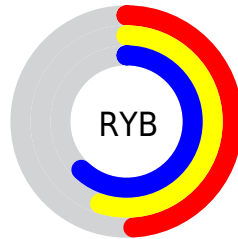
Distribution



Red (49%)

Green (61%)

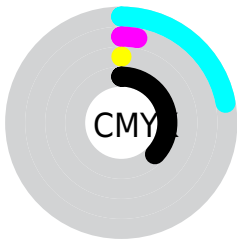
Blue (62%)



Red (49%)

Yellow (55%)

Blue (62%)

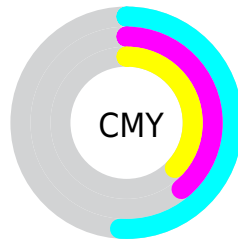


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (37%)



Cyan (51%)


Magenta (39%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.303, 209.991 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, 11.303, 209.991 by changing the saturation by 10% instead.


 62, 11.303,
209.991


 62, 11.303,
209.991


 100, 11.303,
209.991


 52, 11.303,
209.991


 82, 11.303,
209.991

 42, 11.303,
209.991

 92, 11.303,
209.991

 32, 11.303,
209.991

 22, 11.303,
209.991

 12, 11.303,
209.991

 2, 11.303, 209.991

 0, 11.303, 209.991

■ 62, 11.303,
209.991

■ 62, 11.303,
209.991

■ 61, 15.863,
210.099

■ 64, 6.345, 210.011

■ 59, 19.938,
210.371

■ 65, 1.068, 210.466

■ 58, 23.447,
210.829

■ 67, 4.454, 30.086

■ 57, 26.317,
211.513

■ 69, 10.158, 30.366

■ 56, 28.498,
212.465

■ 71, 15.991, 30.647

■ 55, 29.979,
213.728

■ 73, 21.911, 30.951

■ 54, 30.791,
215.344

■ 75, 27.882, 31.272

■ 54, 31.133,

■ 77, 33.877, 31.605

■ 78, 34.641, 32.976

Harmonies

Complementary

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



62, 11.303, 209.991



56, 13.099, 30.632

Rectangle

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



62, 11.303, 209.991



62, 11.303, 259.991



62, 11.303, 29.991



62, 11.303, 79.991

Sweetspot

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



62, 11.303, 209.984



81, 4.642, 210.092



62, 22.361, 145.828



43, 3.036, 210.079



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, 11.303, 209.984



78, 16.269, 210.019



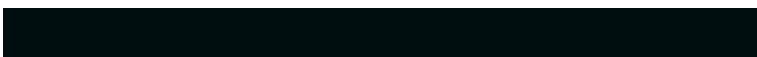
57, 12.840, 268.609



33, 3.000, 210.048



48, 28.745, 216.615



3, 3.950, 212.474

Inverse Universe

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



56, 22.178, 328.963



70, 32.421, 329.230



61, 13.146, 82.628



31, 5.644, 328.208



33, 68.742, 333.256



1, 7.224, 328.425

Previews

White Background



This preview shows how the CIELCh color 62, 11.303, 209.991 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, 11.303, 209.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

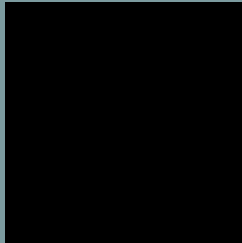
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

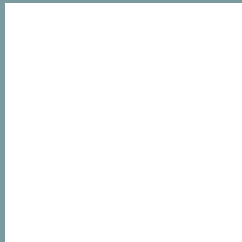
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 11.303, 209.991

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.303, 209.991.

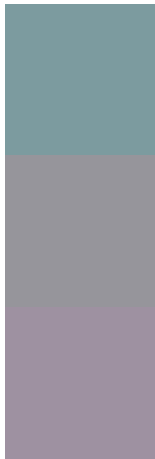


This preview shows how white text looks on a background with the CIELCh color 62, 11.303, 209.991.

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, 11.303, 209.991

Protanopia
62, 3.400, 296.980

Deuteranopia
62, 10.301, 319.600



Tritanopia
62, 12.073, 236.094

Trichromacy



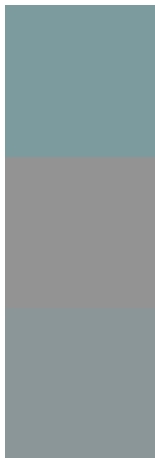
Original Color
62, 11.303, 209.991

Protanomaly
62, 4.971, 241.965

Deuteranomaly
62, 6.260, 280.582

Tritanomaly
62, 11.636, 224.435

Monochromacy



Original Color
62, 11.303, 209.991

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.273, 214.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.303, 209.991 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(124, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 159)  
}
```

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(124, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.303, 209.991 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(124, 155, 159) }
```

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

```
.border{ border-color:rgb(124, 155, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.303, 209.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 159) }
```

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

```
.background{ background-color: rgb(124,  
155, 159) }
```

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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