

Converting Colors

CIELCh(62, 10.412, 209.421)

Have a look what the booklet for
CIELCh(62, 10.412, 209.421)
contains.

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Color

CIELCh(62, 10.249, 208.050)

Conversions

Conversions Part 1

Format	Color
Hex	7F9B9E
RGB	127, 155, 158
RGB Percent	50%, 61%, 62%
CMY	0.5021, 0.3923, 0.3806
CMYK	0.20, 0.02, 0.00, 0.38
HSL	186°, 14%, 56%
HSV	186°, 20%, 62%
XYZ	26.6266, 30.4025, 36.7913
YIQ	146.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

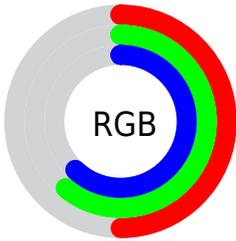
Format	Color
RYB	127, 142, 158
Decimal	8362910
CIELab	62.00, -9.05, -4.82
CIElCh	62, 10.249, 208.050
Yxy	30.4025, 0.2838, 0.3241
Android (android.graphics.Color)	4286552990 (0xFF7F9B9E)
YUV	146.9700, 5.4378, -17.5137
Hunter-Lab	55.1385, -10.2939, -0.9644

Details

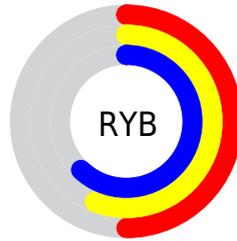
The CIELCh color `62, 10.249, 208.050` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `57, 11.674, 28.897`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 10.234, 210.756`, and `42, 10.350, 208.392` is the 20% darker color. If you saturate the color by 10%, you get `61, 14.943, 208.029`, and if you desaturate by 10%, it is `64, 5.173, 208.189`.

Distribution



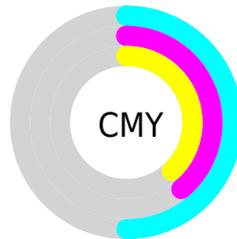
- Red (50%)
- Green (61%)
- Blue (62%)



- Red (50%)
- Yellow (56%)
- Blue (62%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 10.249, 208.050 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, 10.249, 208.050 by changing the saturation by 10% instead.

 62, 10.249,
208.050

 62, 10.249,
208.050

 100, 10.249,
208.050

 52, 10.249,
208.050

 82, 10.249,
208.050

 42, 10.249,
208.050

 92, 10.249,
208.050

 32, 10.249,
208.050

 22, 10.249,
208.050

 12, 10.249,
208.050

 2, 10.249, 208.050

 0, 10.249, 208.050

62, 10.249,
208.050

62, 10.249,
208.050

61, 14.943,
208.029

64, 5.173, 208.189

59, 19.167,
208.149

65, 0.207, 26.020

67, 5.817, 28.445

58, 22.838,
208.427

69, 11.596, 28.778

57, 25.879,
208.893

71, 17.492, 29.119

73, 23.463, 29.479

56, 28.236,
209.580

75, 29.476, 29.852

55, 29.885,
210.525

77, 35.504, 30.233

77, 35.749, 31.430

55, 30.845,
211.761

54, 31.296,

213.248

■ 54, 31.312,
213.304

Harmonies

Complementary

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



62, 10.249, 208.050



57, 11.674, 28.897

Rectangle

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



62, 10.249, 208.050



62, 10.249, 258.050



62, 10.249, 28.050



62, 10.249, 78.050

Sweetspot

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



62, 10.249, 208.043



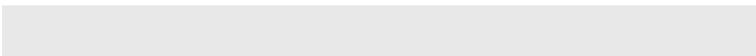
82, 4.048, 208.295



62, 20.056, 145.520



43, 2.702, 208.272



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

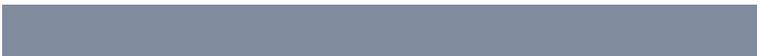
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 10.249, 208.043



78, 15.347, 208.020



58, 11.176, 266.678



33, 3.044, 208.198



49, 29.104, 213.140



3, 4.013, 210.340

Inverse Universe

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



57, 19.901, 328.274



71, 30.295, 328.555



61, 11.462, 81.385



31, 5.713, 327.668



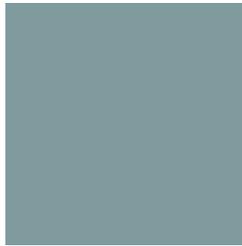
33, 69.672, 332.403



1, 7.328, 327.786

Previews

White Background



This preview shows how the CIELCh color 62, 10.249, 208.050 looks on a white background.

Color Contrast Check

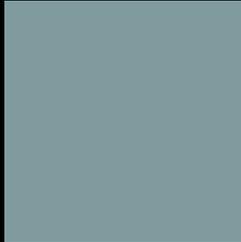
Large Text (above 18pt) WCAG AA × Fail

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, 10.249, 208.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

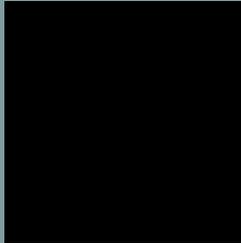
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

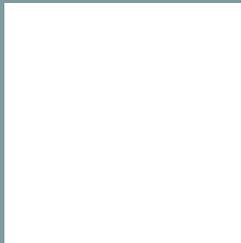
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.249, 208.050

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.249, 208.050.



This preview shows how white text looks on a background with the CIELCh color 62, 10.249, 208.050.

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, 10.249, 208.050

Protanopia
62, 2.924, 305.632

Deuteranopia
62, 10.013, 323.085



Tritanopia
62, 10.979, 236.787

Trichromacy



Original Color
62, 10.249, 208.050

Protanomaly
62, 4.021, 233.246

Deuteranomaly
62, 5.655, 283.201

Tritanomaly
62, 10.455, 227.731

Monochromacy



Original Color
62, 10.249, 208.050

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.816, 207.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.249, 208.050 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(127, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(127, 155, 158)  
}
```

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(127, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 155, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.249, 208.050 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(127, 155, 158) }
```

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

```
.border{ border-color:rgb(127, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(127, 155,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.249, 208.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 155, 158) }
```

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

```
.background{ background-color: rgb(127,  
155, 158) }
```

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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