

Converting Colors

CIELCh(62, 9.852, 214.368)

Have a look what the booklet for
CIELCh(62, 9.852, 214.368) contains.

CIELCh(62, 9.977, 211.655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 9.977, 211.655)

Conversions

Conversions Part 1

Format	Color
Hex	809B9F
RGB	128, 155, 159
RGB Percent	50%, 61%, 62%
CMY	0.4992, 0.3933, 0.3776
CMYK	0.20, 0.03, 0.00, 0.38
HSL	188°, 14%, 56%
HSV	188°, 20%, 62%
XYZ	26.7617, 30.4025, 37.1222
YIQ	147.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

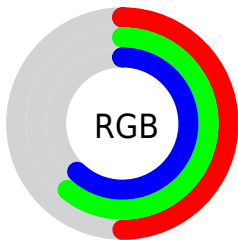
Format	Color
RYB	128, 142, 159
Decimal	8428447
CIELab	62.00, -8.49, -5.24
CIElCh	62, 9.977, 211.655
Yxy	30.4025, 0.2838, 0.3224
Android (android.graphics.Color)	4286618527 (0xFF809B9F)
YUV	147.3830, 5.7272, -16.9989
Hunter-Lab	55.1385, -9.8565, -1.3203

Details

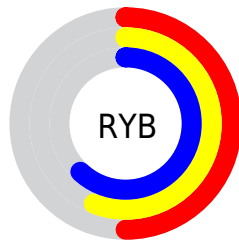
The CIELCh color $62, 9.977, 211.655$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 11.356, 31.934$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.000, 214.211$, and $42, 10.072, 212.270$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.575, 211.810$, and if you desaturate by 10%, it is $64, 5.009, 211.641$.

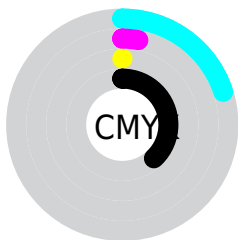
Distribution



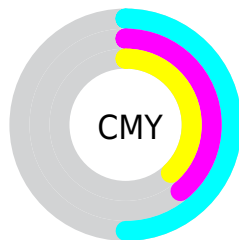
- Red (50%)
- Green (61%)
- Blue (62%)



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



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.977, 211.655 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, 9.977, 211.655 by changing the saturation by 10% instead.

■ 62, 9.977, 211.655

■ 62, 9.977, 211.655

■ 100, 9.977,
211.655

■ 52, 9.977, 211.655

■ 82, 9.977, 211.655

■ 42, 9.977, 211.655

■ 92, 9.977, 211.655

■ 32, 9.977, 211.655

■ 22, 9.977, 211.655

■ 12, 9.977, 211.655

■ 2, 9.977, 211.655

■ 0, 9.977, 211.655

■ 62, 9.977, 211.655

■ 62, 9.977, 211.655

■ 60, 14.575,

■ 64, 5.009, 211.641

211.810

65, 0.253, 29.750

59, 18.719,
212.137

67, 5.740, 31.636

58, 22.327,
212.661

69, 11.394, 31.857

56, 25.325,
213.425

71, 17.165, 32.096

55, 27.658,
214.475

73, 23.013, 32.359

54, 29.302,
215.863

76, 28.908, 32.642

53, 30.282,
217.640

78, 34.822, 32.938

53, 30.772,
219.756

53, 30.794,
219.857

Harmonies

Complementary

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



62, 9.977, 211.655



57, 11.356, 31.934

Rectangle

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



62, 9.977, 211.655



62, 9.977, 261.655



62, 9.977, 31.655



62, 9.977, 81.655

Sweetspot

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



62, 9.977, 211.647



82, 3.943, 211.698



62, 19.569, 146.518



43, 2.632, 211.684



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, 9.977, 211.647



78, 14.380, 211.693



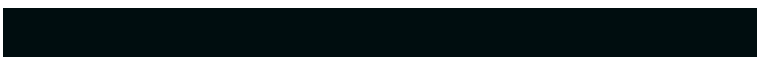
58, 11.578, 269.689



33, 2.965, 211.644



48, 28.519, 219.616



3, 3.901, 214.295

Inverse Universe

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



57, 19.441, 329.292



71, 28.394, 329.526



61, 11.766, 84.447



31, 5.586, 328.674



32, 67.974, 333.997



1, 7.139, 328.968

Previews

White Background



This preview shows how the CIELCh color 62, 9.977, 211.655 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, 9.977, 211.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

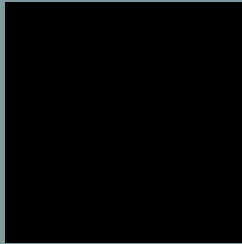
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

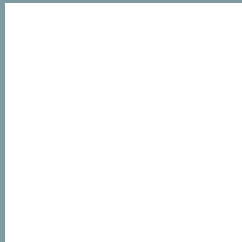
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 9.977, 211.655

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.977, 211.655.



This preview shows how white text looks on a background with the CIELCh color 62, 9.977, 211.655.

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, 9.977, 211.655

Protanopia

62, 3.400, 296.980

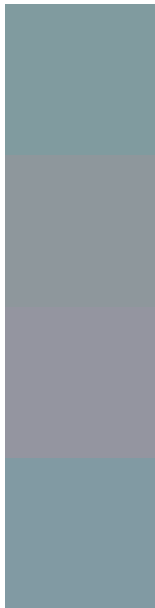
Deuteranopia

62, 10.488, 321.446



Tritanopia
62, 10.979, 236.787

Trichromacy



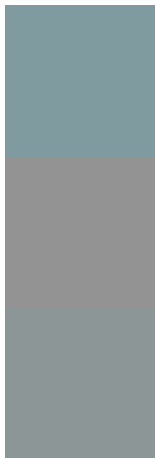
Original Color
62, 9.977, 211.655

Protanomaly
62, 4.342, 239.589

Deuteranomaly
62, 6.184, 287.401

Tritanomaly
62, 10.159, 228.680

Monochromacy



Original Color
62, 9.977, 211.655

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, 9.977, 211.655 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(128, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 155, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.977, 211.655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

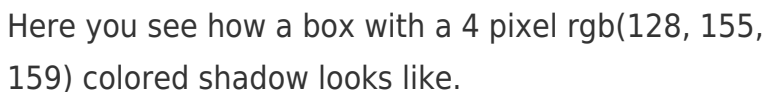
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 155, 159) }
```

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

```
.border{ border-color:rgb(128, 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(128, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 155, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 155, 159); box-shadow:4px 4px 4px 4px rgb(128, 155, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.977, 211.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 155, 159) }
```

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

```
.background{ background-color: rgb(128,  
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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