

Converting Colors

CIELCh(62, 9.643, 198.660)

Have a look what the booklet for
CIELCh(62, 9.643, 198.660) contains.

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Color

CIELCh(62, 9.552, 198.582)

Conversions

Conversions Part 1

Format	Color
Hex	819B9B
RGB	129, 155, 155
RGB Percent	51%, 61%, 61%
CMY	0.4948, 0.3928, 0.3928
CMYK	0.17, 0.00, 0.00, 0.39
HSL	180°, 11%, 56%
HSV	180°, 17%, 61%
XYZ	26.6244, 30.4025, 35.4022
YIQ	147.2260, -15.4960, -5.5120

Conversions

Conversions Part 2

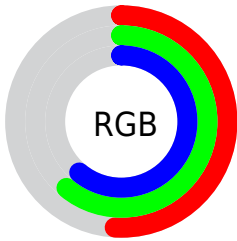
Format	Color
RYB	129, 142, 155
Decimal	8493979
CIELab	62.00, -9.05, -3.04
CIElCh	62, 9.552, 198.582
Yxy	30.4025, 0.2881, 0.3289
Android (android.graphics.Color)	4286684059 (0xFF819B9B)
YUV	147.2260, 3.8326, -15.9842
Hunter-Lab	55.1385, -10.3010, 0.5292

Details

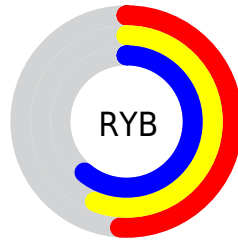
The CIELCh color $62, 9.552, 198.582$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 10.623, 20.499$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.478, 198.771$, and $42, 9.676, 198.269$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.758, 198.092$, and if you desaturate by 10%, it is $63, 3.966, 199.150$.

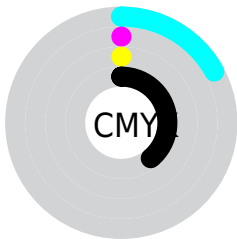
Distribution



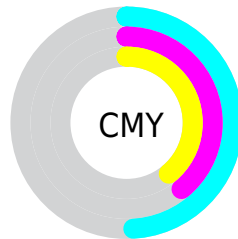
- Red (51%)
- Green (61%)
- Blue (61%)



- Red (51%)
- Yellow (56%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.552, 198.582 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, 9.552, 198.582 by changing the saturation by 10% instead.

62, 9.552, 198.582

62, 9.552, 198.582

100, 9.552,
198.582

52, 9.552, 198.582

82, 9.552, 198.582

42, 9.552, 198.582

92, 9.552, 198.582

32, 9.552, 198.582

22, 9.552, 198.582

12, 9.552, 198.582

2, 9.552, 198.582

0, 9.552, 198.582

62, 9.552, 198.582

62, 9.552, 198.582

61, 14.758,

63, 3.966, 199.150

198.092

64, 1.915, 19.339

60, 19.490,
197.667

66, 8.011, 20.090

59, 23.659,
197.301

67, 14.255, 20.705

59, 27.189,
196.997

69, 20.588, 21.319

58, 30.022,
196.755

70, 26.966, 21.935

58, 32.132,
196.577

72, 33.351, 22.552

58, 33.534,
196.459

74, 39.718, 23.165

58, 34.320,
196.393

74, 40.657, 23.255

58, 34.529,
196.376

Harmonies

Complementary

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



62, 9.552, 198.582



56, 10.623, 20.499

Rectangle

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



62, 9.552, 198.582



62, 9.552, 248.582



62, 9.552, 18.582



62, 9.552, 68.582

Sweetspot

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



62, 9.553, 198.575



80, 3.632, 199.277



61, 17.767, 143.009



43, 2.494, 199.225



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, 9.553, 198.575



78, 13.947, 198.394



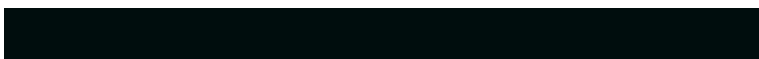
58, 8.558, 255.865



32, 3.249, 198.993



53, 32.121, 196.376



3, 3.595, 199.415

Inverse Universe

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



56, 10.623, 20.499



70, 15.896, 20.820



60, 8.967, 71.586



30, 3.439, 19.890



28, 66.110, 39.047



1, 3.595, 19.399

Previews

White Background



This preview shows how the CIELCh color 62, 9.552, 198.582 looks on a white background.

Color Contrast Check

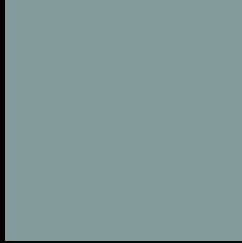
Large Text (above 18pt) WCAG AA × Fail

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, 9.552, 198.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

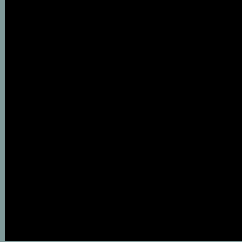
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

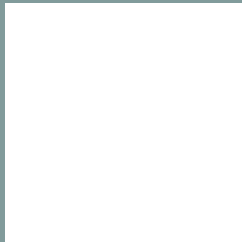
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 9.552, 198.582

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.552, 198.582.

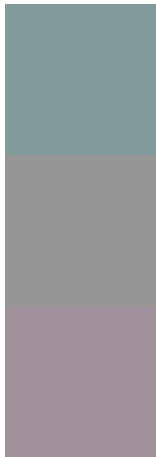


This preview shows how white text looks on a background with the CIELCh color 62, 9.552, 198.582.

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, 9.552, 198.582

Protanopia

62, 1.626, 335.624

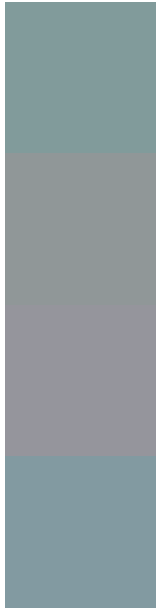
Deuteranopia

62, 9.150, 332.943



Tritanopia
62, 10.206, 240.365

Trichromacy



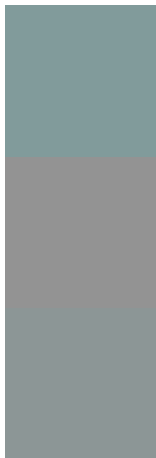
Original Color
62, 9.552, 198.582

Protanomaly
62, 2.708, 211.299

Deuteranomaly
62, 3.934, 290.624

Tritanomaly
62, 9.423, 223.477

Monochromacy



Original Color
62, 9.552, 198.582

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.795, 199.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.552, 198.582 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(129, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(129, 155, 155)  
}
```

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(129, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.552, 198.582 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(129, 155, 155) }
```

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

```
.border{ border-color:rgb(129, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(129, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.552, 198.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 155, 155) }
```

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

```
.background{ background-color: rgb(129,  
155, 155) }
```

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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