

Converting Colors

CIELCh(62, 9.266, 198.597)

Have a look what the booklet for
CIELCh(62, 9.266, 198.597) contains.

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Color

CIELCh(62, 9.201, 198.615)

Conversions

Conversions Part 1

Format	Color
Hex	829B9B
RGB	130, 155, 155
RGB Percent	51%, 61%, 61%
CMY	0.4915, 0.3935, 0.3935
CMYK	0.16, 0.00, 0.00, 0.39
HSL	180°, 11%, 56%
HSV	180°, 16%, 61%
XYZ	26.7062, 30.4025, 35.3198
YIQ	147.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

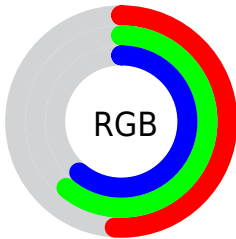
Format	Color
R_{YB}	130, 143, 155
Decimal	8559515
CIE _{Lab}	62.00, -8.72, -2.94
CIE _{LCh}	62, 9.201, 198.615
Yxy	30.4025, 0.2889, 0.3289
Android (android.graphics.Color)	4286749595 (0xFF829B9B)
YUV	147.5250, 3.6852, -15.3694
Hunter-Lab	55.1385, -10.0364, 0.6179

Details

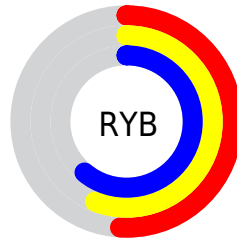
The CIELCh color $62, 9.201, 198.615$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 10.189, 20.445$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.139, 198.798$, and $42, 9.317, 198.313$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.429, 198.120$, and if you desaturate by 10%, it is $63, 3.599, 199.195$.

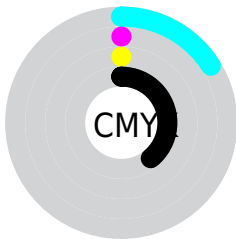
Distribution



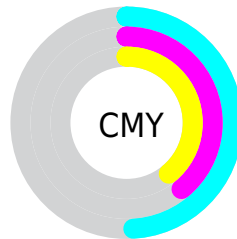
- Red (51%)
- Green (61%)
- Blue (61%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.201, 198.615 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, 9.201, 198.615 by changing the saturation by 10% instead.

■ 62, 9.201, 198.615

■ 62, 9.201, 198.615

■ 100, 9.201,
198.615

■ 52, 9.201, 198.615

■ 82, 9.201, 198.615

■ 42, 9.201, 198.615

■ 92, 9.201, 198.615

■ 32, 9.201, 198.615

■ 22, 9.201, 198.615

■ 12, 9.201, 198.615

■ 2, 9.201, 198.615

■ 0, 9.201, 198.615

■ 62, 9.201, 198.615

■ 62, 9.201, 198.615

■ 61, 14.429,

■ 63, 3.599, 199.195

198.120

64, 2.292, 19.413

60, 19.189,
197.692

66, 8.394, 20.129

59, 23.393,
197.323

67, 14.639, 20.743

59, 26.962,
197.014

69, 20.970, 21.357

58, 29.838,
196.769

72, 33.722, 22.590

58, 31.992,
196.586

74, 40.081, 23.203

58, 33.437,
196.465

74, 40.739, 23.266

58, 34.250,
196.397

58, 34.500,
196.375

Harmonies

Complementary

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



62, 9.201, 198.615



57, 10.189, 20.445

Rectangle

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



62, 9.201, 198.615



62, 9.201, 248.615



62, 9.201, 18.615



62, 9.201, 68.615

Sweetspot

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



62, 9.202, 198.607



80, 3.632, 199.277



61, 17.079, 143.053



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, 9.202, 198.607



78, 13.291, 198.444



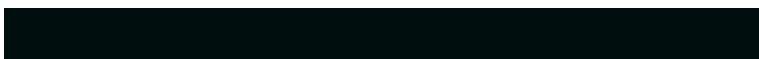
59, 8.232, 255.770



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.



57, 10.189, 20.445



70, 15.043, 20.726



60, 8.608, 71.660



30, 3.439, 19.890



28, 66.110, 39.047



1, 3.595, 19.399

Previews

White Background



This preview shows how the CIE LCh color 62, 9.201, 198.615 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, 9.201, 198.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

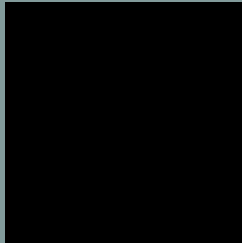
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 9.201, 198.615

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.201, 198.615.

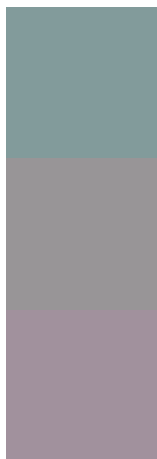


This preview shows how white text looks on a background with the CIELCh color 62, 9.201, 198.615.

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, 9.201, 198.615

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 9.150, 332.943



Tritanopia
62, 9.952, 241.685

Trichromacy



Original Color
62, 9.201, 198.615

Protanomaly
62, 2.708, 211.299

Deuteranomaly
62, 3.958, 296.117

Tritanomaly
62, 9.111, 224.407

Monochromacy



Original Color
62, 9.201, 198.615

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.420, 199.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.201, 198.615 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(130, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.201, 198.615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

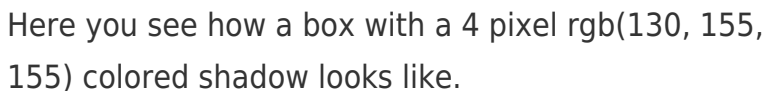
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 155, 155) }
```

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

```
.border{ border-color:rgb(130, 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(130, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 155, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 155, 155); box-shadow:4px 4px 4px 4px rgb(130, 155, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.201, 198.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 155, 155) }
```

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

```
.background{ background-color: rgb(130,  
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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