

Converting Colors

CIELCh(62, 7.042, 198.869)

Have a look what the booklet for
CIELCh(62, 7.042, 198.869) contains.

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Color

CIELCh(62, 7.075, 198.819)

Conversions

Conversions Part 1

Format	Color
Hex	879A9A
RGB	135, 154, 154
RGB Percent	53%, 60%, 60%
CMY	0.4723, 0.3978, 0.3978
CMYK	0.12, 0.00, 0.00, 0.40
HSL	180°, 9%, 56%
HSV	180°, 12%, 60%
XYZ	27.2041, 30.4025, 34.8173
YIQ	148.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

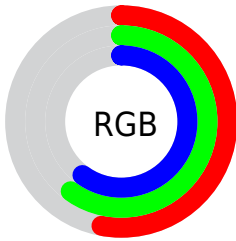
Format	Color
RYB	135, 145, 154
Decimal	8886938
CIELab	62.00, -6.70, -2.28
CIElCh	62, 7.075, 198.819
Yxy	30.4025, 0.2943, 0.3289
Android (android.graphics.Color)	4287077018 (0xFF879A9A)
YUV	148.3190, 2.8007, -11.6808
Hunter-Lab	55.1385, -8.4244, 1.1582

Details

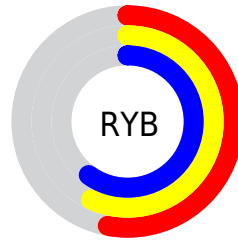
The CIELCh color **62, 7.075, 198.819** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **58, 7.641, 20.133**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 7.089, 198.963**, and **42, 7.117, 198.582** is the 20% darker color. If you saturate the color by 10%, you get **61, 12.425, 198.296**, and if you desaturate by 10%, it is **63, 1.387, 199.595**.

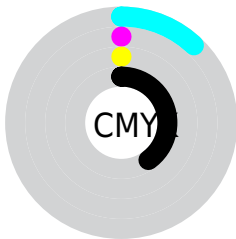
Distribution



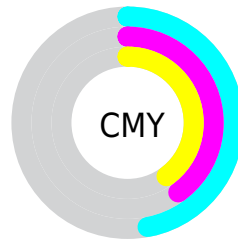
- Red (53%)
- Green (60%)
- Blue (60%)



- Red (53%)
- Yellow (57%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.075, 198.819 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, 7.075, 198.819 by changing the saturation by 10% instead.

■ 62, 7.075, 198.819

■ 62, 7.075, 198.819

■ 100, 7.075,
198.819

■ 52, 7.075, 198.819

■ 82, 7.075, 198.819

■ 42, 7.075, 198.819

■ 92, 7.075, 198.819

■ 32, 7.075, 198.819

■ 22, 7.075, 198.819

■ 12, 7.075, 198.819

■ 2, 7.075, 198.819

■ 0, 7.075, 198.819

■ 62, 7.075, 198.819

■ 62, 7.075, 198.819

■ 61, 12.425,

■ 63, 1.387, 199.595

198.296

64, 4.559, 19.724

60, 17.346,
197.846

66, 10.686, 20.360

59, 21.746,
197.454

67, 16.934, 20.972

59, 25.544,
197.121

69, 23.249, 21.587

58, 28.672,
196.852

71, 29.591, 22.204

58, 31.090,
196.645

72, 35.928, 22.819

58, 32.793,
196.501

74, 41.241, 23.333

57, 33.821,
196.414

57, 34.322,
196.371

Harmonies

Complementary

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



62, 7.075, 198.819



58, 7.641, 20.133

Rectangle

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



62, 7.075, 198.819



62, 7.075, 248.819



62, 7.075, 18.819



62, 7.075, 68.819

Sweetspot

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



62, 7.076, 198.808



80, 2.882, 199.367



62, 12.973, 143.305



42, 2.040, 199.301



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 7.076, 198.808



78, 10.511, 198.650



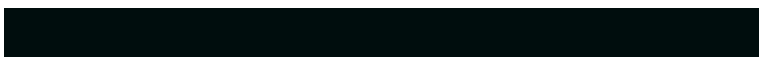
59, 6.280, 255.224



32, 3.249, 198.991



53, 32.122, 196.371



3, 3.595, 199.412

Inverse Universe

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



58, 7.641, 20.133



72, 11.571, 20.370



60, 6.490, 72.099



30, 3.439, 19.888



28, 66.109, 39.045



1, 3.595, 19.396

Previews

White Background



This preview shows how the CIELCh color 62, 7.075, 198.819 looks on a white background.

Color Contrast Check

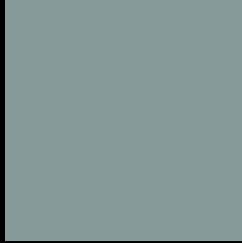
Large Text (above 18pt) WCAG AA × Fail

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, 7.075, 198.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

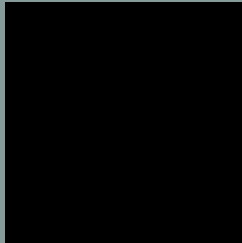
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

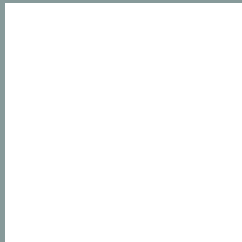
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 7.075, 198.819

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.075, 198.819.



This preview shows how white text looks on a background with the CIELCh color 62, 7.075, 198.819.

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

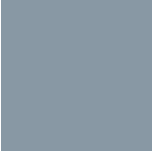
62, 7.075, 198.819

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 8.370, 338.167



Tritanopia
62, 8.765, 249.483

Trichromacy



Original Color
62, 7.075, 198.819

Protanomaly
62, 1.978, 215.947

Deuteranomaly
62, 3.580, 309.207

Tritanomaly
62, 7.581, 230.242

Monochromacy



Original Color
62, 7.075, 198.819

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 2.668, 199.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.075, 198.819 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(135, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 154)  
}
```

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(135, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.075, 198.819 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(135, 154, 154) }
```

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

```
.border{ border-color:rgb(135, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(135, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.075, 198.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 154, 154) }
```

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

```
.background{ background-color: rgb(135,  
154, 154) }
```

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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