

Converting Colors

CIELCh(62, 7.324, 182.937)

Have a look what the booklet for
CIELCh(62, 7.324, 182.937) contains.

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Color

CIELCh(62, 7.540, 181.419)

Conversions

Conversions Part 1

Format	Color
Hex	879A96
RGB	135, 154, 150
RGB Percent	53%, 60%, 59%
CMY	0.4711, 0.3966, 0.4123
CMYK	0.12, 0.00, 0.03, 0.40
HSL	167°, 9%, 57%
HSV	167°, 12%, 60%
XYZ	26.9964, 30.4025, 33.2413
YIQ	147.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

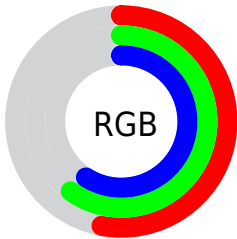
Format	Color
RYB	135, 146, 154
Decimal	8886934
CIELab	62.00, -7.54, -0.19
CIELCh	62, 7.540, 181.419
Yxy	30.4025, 0.2978, 0.3354
Android (android.graphics.Color)	4287077014 (0xFF879A96)
YUV	147.8630, 1.0535, -11.2809
Hunter-Lab	55.1385, -9.0969, 2.8529

Details

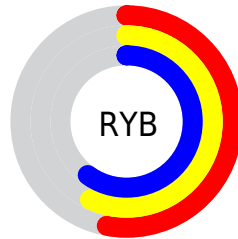
The CIELCh color **62, 7.540, 181.419** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **58, 7.898, 3.551**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 7.493, 182.466**, and **42, 7.678, 180.104** is the 20% darker color. If you saturate the color by 10%, you get **61, 13.435, 180.456**, and if you desaturate by 10%, it is **63, 1.448, 182.529**.

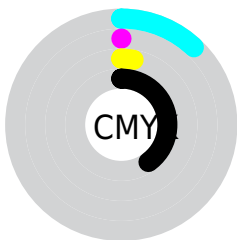
Distribution



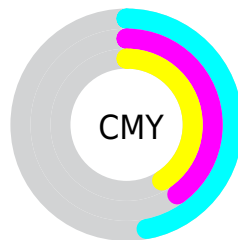
- Red (53%)
- Green (60%)
- Blue (59%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.540, 181.419 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, 7.540, 181.419 by changing the saturation by 10% instead.

■ 62, 7.540, 181.419

■ 62, 7.540, 181.419

■ 100, 7.540,
181.419

■ 52, 7.540, 181.419

■ 82, 7.540, 181.419

■ 42, 7.540, 181.419

■ 92, 7.540, 181.419

■ 32, 7.540, 181.419

■ 22, 7.540, 181.419

■ 12, 7.540, 181.419

■ 2, 7.540, 181.419

■ 0, 7.540, 181.419

■ 62, 7.540, 181.419

■ 62, 7.540, 181.419

■ 61, 13.435,

■ 63, 1.448, 182.529

180.456



65, 4.766, 2.999

60, 19.039,
179.460



66, 11.033, 3.861

59, 24.255,
178.399



68, 17.302, 4.657

58, 28.983,
177.254



69, 23.530, 5.420

58, 33.135,
176.005



73, 35.758, 6.865

57, 36.644,
174.628



74, 40.622, 6.959

57, 39.480,
173.104

57, 41.659,
171.414

57, 43.056,
170.075

Harmonies

Complementary

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



62, 7.540, 181.419



58, 7.898, 3.551

Rectangle

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



62, 7.540, 181.419



62, 7.540, 231.419



62, 7.540, 1.419



62, 7.540, 51.419

Sweetspot

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



62, 7.541, 181.411



80, 3.038, 182.257



62, 12.174, 137.766



42, 2.152, 182.171



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, 7.541, 181.411



78, 11.246, 181.132



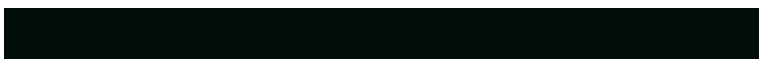
61, 5.845, 230.414



32, 3.449, 181.711



52, 40.153, 170.242



3, 3.796, 181.461

Inverse Universe

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



58, 7.898, 3.551



72, 11.912, 3.871



59, 6.259, 48.743



30, 3.570, 3.219



29, 58.508, 27.284



1, 3.769, 2.708

Previews

White Background



This preview shows how the CIELCh color 62, 7.540, 181.419 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, 7.540, 181.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

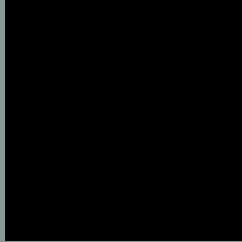
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

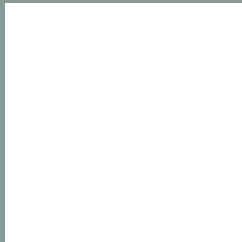
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 7.540, 181.419

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.540, 181.419.

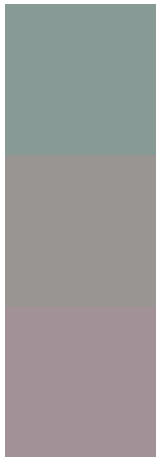


This preview shows how white text looks on a background with the CIELCh color 62, 7.540, 181.419.

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

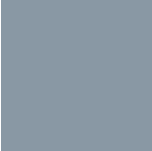
62, 7.540, 181.419

Protanopia

62, 1.907, 55.185

Deuteranopia

62, 8.046, 351.056



Tritanopia
62, 8.545, 251.309

Trichromacy



Original Color
62, 7.540, 181.419

Protanomaly
62, 2.568, 158.510

Deuteranomaly
62, 2.579, 338.751

Tritanomaly
62, 7.025, 227.675

Monochromacy



Original Color
62, 7.540, 181.419

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 2.741, 187.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.540, 181.419 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(135, 154, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 154, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.540, 181.419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

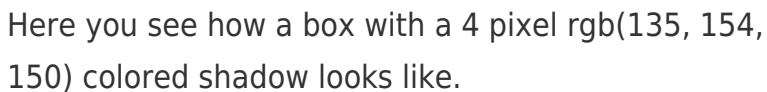
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 154, 150) }
```

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

```
.border{ border-color:rgb(135, 154, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 154, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 154, 150); box-shadow:4px 4px 4px 4px rgb(135, 154, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.540, 181.419 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, 150) }
```

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

```
.background{ background-color: rgb(135,  
154, 150) }
```

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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