

Converting Colors

CIELCh(62, 3.240, 176.250)

Have a look what the booklet for
CIELCh(62, 3.240, 176.250) contains.

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Color

CIELCh(62, 3.513, 170.625)

Conversions

Conversions Part 1

Format	Color
Hex	909895
RGB	144, 152, 149
RGB Percent	56%, 60%, 58%
CMY	0.4366, 0.4053, 0.4170
CMYK	0.05, 0.00, 0.02, 0.41
HSL	157°, 4%, 58%
HSV	157°, 5%, 59%
XYZ	28.0122, 30.4025, 32.6824
YIQ	149.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

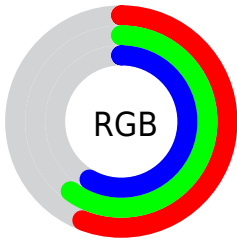
Format	Color
RYB	144, 149, 152
Decimal	9476245
CIELab	62.00, -3.47, 0.57
CIELCh	62, 3.513, 170.625
Yxy	30.4025, 0.3075, 0.3337
Android (android.graphics.Color)	4287666325 (0xFF909895)
YUV	149.2660, -0.1311, -4.6183
Hunter-Lab	55.1385, -5.8085, 3.4538

Details

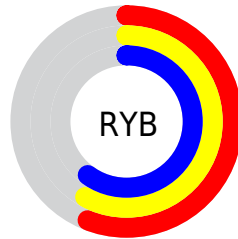
The CIELCh color $62, 3.513, 170.625$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 3.561, 351.327$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 3.320, 170.773$, and $42, 3.428, 167.202$ is the 20% darker color. If you saturate the color by 10%, you get $61, 10.145, 169.625$, and if you desaturate by 10%, it is $63, 3.160, 351.243$.

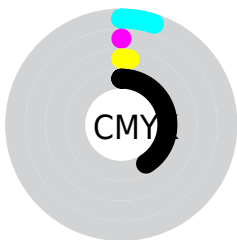
Distribution



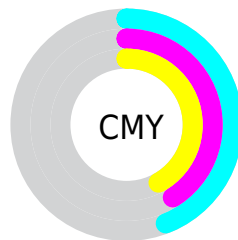
- Red (56%)
- Green (60%)
- Blue (58%)



- Red (56%)
- Yellow (58%)
- Blue (60%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.513, 170.625 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, 3.513, 170.625 by changing the saturation by 10% instead.

■ 62, 3.513, 170.625

■ 62, 3.513, 170.625

■ 100, 3.513,
170.625

■ 52, 3.513, 170.625

■ 82, 3.513, 170.625

■ 42, 3.513, 170.625

■ 92, 3.513, 170.625

■ 32, 3.513, 170.625

■ 22, 3.513, 170.625

■ 12, 3.513, 170.625

■ 2, 3.513, 170.625

■ 0, 3.513, 170.625

■ 62, 3.513, 170.625

■ 62, 3.513, 170.625

■ 61, 10.145,

■ 63, 3.160, 351.243

169.625

65, 9.815, 352.117

60, 16.652,
168.610

66, 16.399,
352.878

59, 22.940,
167.507

68, 22.877,
353.589

58, 28.907,
166.289

70, 29.223,
354.260

57, 34.445,
164.934

72, 35.421,
354.898

56, 39.456,
163.418

74, 41.463,
355.506

56, 43.866,
161.718

75, 44.185,
353.287

56, 47.638,
159.820

75, 45.401,
349.783

55, 50.803,
157.732

Harmonies

Complementary

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



62, 3.513, 170.625



60, 3.561, 351.327

Rectangle

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



62, 3.513, 170.625



62, 3.513, 220.625



62, 3.513, 350.625



62, 3.513, 40.625

Sweetspot

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



62, 3.515, 170.613



79, 1.643, 171.061



62, 4.883, 132.851



42, 0.941, 171.090



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, 3.515, 170.613



78, 4.935, 170.523



62, 2.726, 210.411



32, 2.655, 170.488



51, 49.168, 156.935



3, 4.145, 170.314

Inverse Universe

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



60, 3.561, 351.327



76, 5.006, 351.418



61, 2.816, 30.235



31, 2.695, 351.454



29, 54.473, 12.749



1, 4.103, 351.364

Previews

White Background



This preview shows how the CIE LCh color 62, 3.513, 170.625 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, 3.513, 170.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

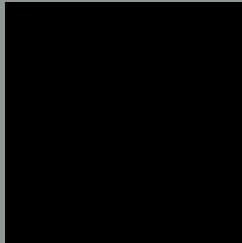
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

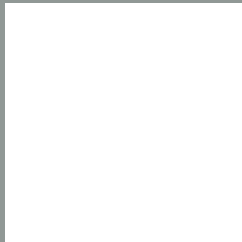
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.513, 170.625

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.513, 170.625.



This preview shows how white text looks on a background with the CIELCh color 62, 3.513, 170.625.

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

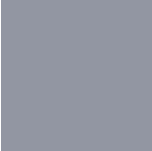
62, 3.513, 170.625

Protanopia

62, 1.907, 55.185

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 6.867, 278.458

Trichromacy



Original Color
62, 3.513, 170.625

Protanomaly
62, 1.112, 110.008

Deuteranomaly
62, 4.250, 356.447

Tritanomaly
62, 4.015, 256.450

Monochromacy



Original Color
62, 3.513, 170.625

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.286, 173.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.513, 170.625 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(144, 152, 149)` looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 149)  
}
```

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(144, 152, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.513, 170.625 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(144, 152, 149) }
```

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

```
.border{ border-color:rgb(144, 152, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 149);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.513, 170.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 149) }
```

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

```
.background{ background-color: rgb(144,  
152, 149) }
```

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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