

Converting Colors

CIELCh(62, 7.672, 0.405)

Have a look what the booklet for
CIELCh(62, 7.672, 0.405) contains.

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Color

CIELCh(62, 7.957, 359.612)

Conversions

Conversions Part 1

Format	Color
Hex	A49196
RGB	164, 145, 150
RGB Percent	64%, 57%, 59%
CMY	0.3563, 0.4309, 0.4113
CMYK	0.00, 0.12, 0.09, 0.36
HSL	344°, 9%, 61%
HSV	344°, 12%, 64%
XYZ	30.9973, 30.4025, 33.1430
YIQ	151.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

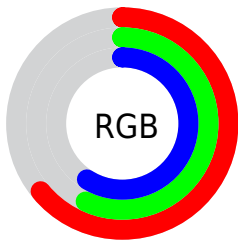
Format	Color
RYB	164, 145, 150
Decimal	10785174
CIELab	62.00, 7.96, -0.05
CIELCh	62, 7.957, 359.612
Yxy	30.4025, 0.3279, 0.3216
Android (android.graphics.Color)	4288975254 (0xFFA49196)
YUV	151.2510, -0.6167, 11.1809
Hunter-Lab	55.1385, 3.8552, 2.9585

Details

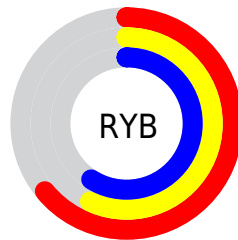
The CIELCh color $62, 7.957, 359.612$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.667, 177.579$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.851, 0.321$, and $42, 7.594, 1.974$ is the 20% darker color. If you saturate the color by 10%, you get $57, 15.140, 0.755$, and if you desaturate by 10%, it is $67, 1.062, 358.316$.

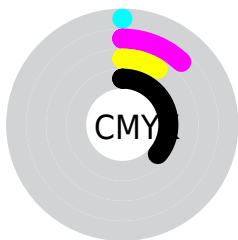
Distribution



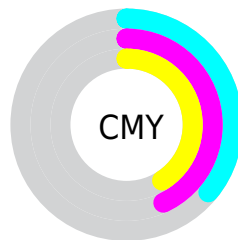
- Red (64%)
- Green (57%)
- Blue (59%)



- Red (64%)
- Yellow (57%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.957, 359.612 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, 7.957, 359.612 by changing the saturation by 10% instead.

■ 62, 7.957, 359.612

■ 62, 7.957, 359.612

■ 100, 7.957,
359.612

■ 52, 7.957, 359.612

■ 82, 7.957, 359.612

■ 42, 7.957, 359.612

■ 92, 7.957, 359.612

■ 32, 7.957, 359.612

■ 22, 7.957, 359.612

■ 12, 7.957, 359.612

■ 2, 7.957, 359.612

■ 0, 7.957, 359.612

■ 62, 7.957, 359.612

■ 62, 7.957, 359.612

■ 57, 15.140, 0.755

■ 67, 1.062, 358.316

53, 22.549, 2.073

71, 5.514, 177.953

49, 30.060, 3.650

76, 11.772,
177.168

45, 37.478, 5.580

81, 17.725,
176.489

42, 44.531, 7.985

39, 50.909, 11.017

86, 23.393,
175.881

36, 56.344, 14.831

91, 28.800,
175.330

35, 60.748, 19.516

34, 64.057, 23.810

94, 31.512,
178.073

94, 29.214,
189.325

95, 28.317,
197.672

Harmonies

Complementary

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



62, 7.957, 359.612



66, 7.667, 177.579

Rectangle

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



62, 7.957, 359.612



62, 7.957, 49.612



62, 7.957, 179.612



62, 7.957, 229.612

Sweetspot

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



62, 7.955, 359.620



84, 2.514, 358.643



62, 11.946, 317.247



44, 1.905, 358.757



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.955, 359.620



78, 12.019, 359.912



63, 6.276, 42.952



32, 3.850, 359.372



30, 58.362, 23.170



1, 5.806, 0.375

Inverse Universe

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



62, 7.955, 359.620



78, 12.019, 359.912



65, 5.857, 224.009



32, 3.850, 359.372



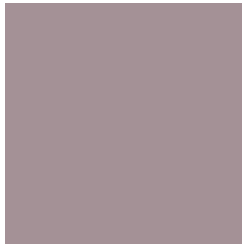
30, 58.362, 23.170



1, 5.806, 0.375

Previews

White Background



This preview shows how the CIELCh color 62, 7.957, 359.612 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, 7.957, 359.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

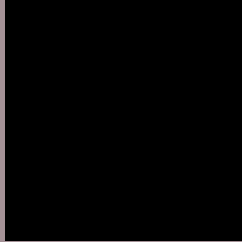
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.957, 359.612

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.957, 359.612.



This preview shows how white text looks on a background with the CIELCh color 62, 7.957, 359.612.

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, 7.957, 359.612

Protanopia

62, 2.058, 324.445

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 10.561, 340.949

Trichromacy



Original Color
62, 7.957, 359.612

Protanomaly
62, 3.542, 351.324

Deuteranomaly
62, 7.957, 359.612

Tritanomaly
62, 9.909, 346.003

Monochromacy



Original Color
62, 7.957, 359.612

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.946, 357.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.957, 359.612 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(164, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 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(164, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.957, 359.612 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(164, 145, 150) }
```

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

```
.border{ border-color:rgb(164, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.957, 359.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 150) }
```

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

```
.background{ background-color: rgb(164,  
145, 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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