

Converting Colors

CIELCh(62, 3.656, 329.540)

Have a look what the booklet for
CIELCh(62, 3.656, 329.540) contains.

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Color

CIELCh(62, 3.657, 329.552)

Conversions

Conversions Part 1

Format	Color
Hex	9A9499
RGB	154, 148, 153
RGB Percent	60%, 58%, 60%
CMY	0.3956, 0.4191, 0.3995
CMYK	0.00, 0.04, 0.01, 0.40
HSL	310°, 3%, 59%
HSV	310°, 4%, 60%
XYZ	29.7173, 30.4025, 34.4907
YIQ	150.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

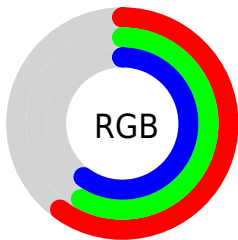
Format	Color
RYB	154, 148, 153
Decimal	10130585
CIELab	62.00, 3.15, -1.85
CIELCh	62, 3.657, 329.552
Yxy	30.4025, 0.3141, 0.3213
Android (android.graphics.Color)	4288320665 (0xFF9A9499)
YUV	150.3640, 1.2995, 3.1888
Hunter-Lab	55.1385, -0.2886, 1.5094

Details

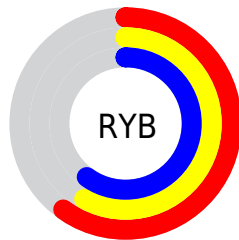
The CIELCh color $62, 3.657, 329.552$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.640, 149.229$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 3.458, 329.475$, and $42, 3.935, 329.673$ is the 20% darker color. If you saturate the color by 10%, you get $58, 13.123, 330.200$, and if you desaturate by 10%, it is $66, 5.662, 149.090$.

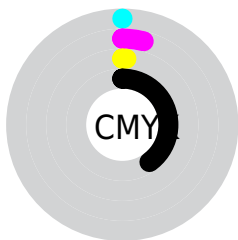
Distribution



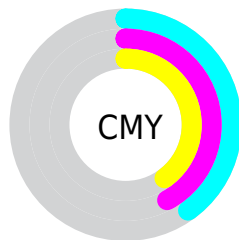
- Red (60%)
- Green (58%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.657, 329.552 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, 3.657, 329.552 by changing the saturation by 10% instead.

■ 62, 3.657, 329.552

■ 62, 3.657, 329.552

■ 100, 3.657,
329.552

■ 52, 3.657, 329.552

■ 82, 3.657, 329.552

■ 42, 3.657, 329.552

■ 92, 3.657, 329.552

■ 32, 3.657, 329.552

■ 22, 3.657, 329.552

■ 12, 3.657, 329.552

■ 2, 3.657, 329.552

■ 0, 3.657, 329.552

■ 62, 3.657, 329.552

■ 62, 3.657, 329.552

■ 58, 13.123,

■ 66, 5.662, 149.090

330.200

71, 14.764,
148.510

54, 22.636,
330.822

75, 23.616,
147.977

50, 32.030,
331.454

79, 32.205,
147.473

46, 41.073,
332.096

84, 40.530,
146.997

43, 49.451,
332.747

88, 48.598,
146.547

40, 56.789,
333.408

92, 55.849,
146.203

38, 62.686,
334.088

92, 54.817,
147.026

36, 66.804,
334.803

92, 53.790,
147.879

35, 68.981,
335.577

Harmonies

Complementary

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



62, 3.657, 329.552



63, 3.640, 149.229

Rectangle

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



62, 3.657, 329.552



62, 3.657, 19.552



62, 3.657, 149.552



62, 3.657, 199.552

Sweetspot

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



62, 3.655, 329.554



81, 1.171, 329.197



62, 3.403, 296.982



43, 0.671, 329.177



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, 3.655, 329.554



79, 5.844, 329.641



62, 2.593, 353.891



31, 3.168, 329.671



32, 65.216, 335.991



1, 5.633, 329.839

Inverse Universe

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



62, 3.655, 329.554



79, 5.844, 329.641



63, 2.561, 173.499



31, 3.168, 329.671



32, 65.216, 335.991



1, 5.633, 329.839

Previews

White Background



This preview shows how the CIELCh color 62, 3.657, 329.552 looks on a white background.

Color Contrast Check

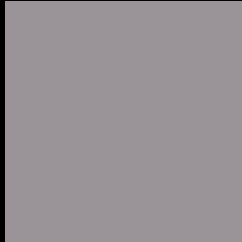
Large Text (above 18pt) WCAG AA × Fail

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, 3.657, 329.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

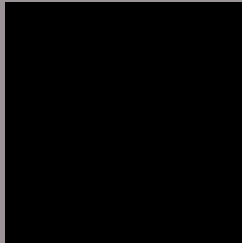
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 3.657, 329.552

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.657, 329.552.



This preview shows how white text looks on a background with the CIELCh color 62, 3.657, 329.552.

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, 3.657, 329.552

Protanopia

62, 2.924, 305.632

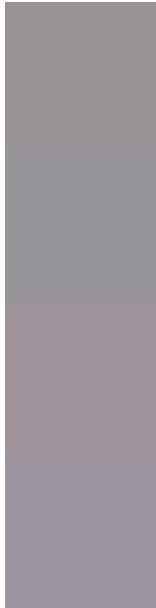
Deuteranopia

62, 8.317, 342.899



Tritanopia
62, 7.429, 314.955

Trichromacy



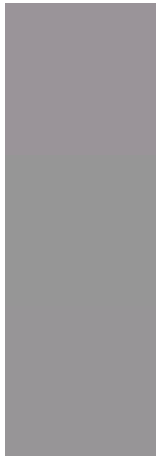
Original Color
62, 3.657, 329.552

Protanomaly
62, 3.050, 312.573

Deuteranomaly
62, 6.760, 338.469

Tritanomaly
62, 6.426, 319.058

Monochromacy



Original Color
62, 3.657, 329.552

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.375, 324.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.657, 329.552 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(154, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 153)  
}
```

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(154, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.657, 329.552 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(154, 148, 153) }
```

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

```
.border{ border-color:rgb(154, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.657, 329.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 153) }
```

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

```
.background{ background-color: rgb(154,  
148, 153) }
```

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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