

Converting Colors

CIELCh(62, 3.154, 33.719)

Have a look what the booklet for
CIELCh(62, 3.154, 33.719) contains.

CIELCh(62, 3.173, 29.701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 3.173, 29.701)

Conversions

Conversions Part 1

Format	Color
Hex	9C9493
RGB	156, 148, 147
RGB Percent	61%, 58%, 58%
CMY	0.3878, 0.4192, 0.4231
CMYK	0.00, 0.05, 0.06, 0.39
HSL	7°, 4%, 59%
HSV	7°, 6%, 61%
XYZ	29.6132, 30.4025, 31.9558
YIQ	150.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

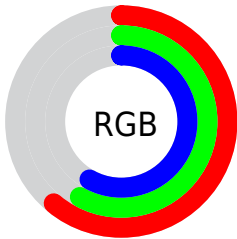
Format	Color
R_{YB}	156, 148, 147
Decimal	10261651
CIE Lab	62.00, 2.76, 1.57
CIE LCh	62, 3.173, 29.701
Yxy	30.4025, 0.3220, 0.3306
Android (android.graphics.Color)	4288451731 (0xFF9C9493)
YUV	150.2780, -1.6161, 5.0182
Hunter-Lab	55.1385, -0.6255, 4.2352

Details

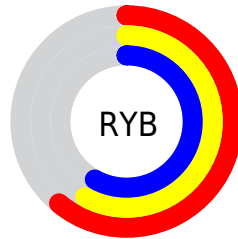
The CIELCh color **62, 3.173, 29.701** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 3.061, 209.838**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 2.986, 29.624**, and **42, 3.380, 19.748** is the 20% darker color. If you saturate the color by 10%, you get **58, 9.032, 30.106**, and if you desaturate by 10%, it is **66, 2.240, 209.920**.

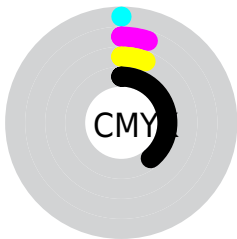
Distribution



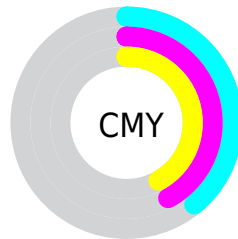
- Red (61%)
- Green (58%)
- Blue (58%)



- Red (61%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.173, 29.701 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, 3.173, 29.701 by changing the saturation by 10% instead.

62, 3.173, 29.701

62, 3.173, 29.701

100, 3.173, 29.701

52, 3.173, 29.701

82, 3.173, 29.701

42, 3.173, 29.701

92, 3.173, 29.701

32, 3.173, 29.701

22, 3.173, 29.701

12, 3.173, 29.701

2, 3.173, 29.701

0, 3.173, 29.701

62, 3.173, 29.701

62, 3.173, 29.701

58, 9.032, 30.106

66, 2.240, 209.920

54, 15.375, 30.560

70, 7.246, 209.700

50, 22.217, 31.200

75, 11.889,
209.664

46, 29.550, 32.090

79, 16.211,
209.690

43, 37.319, 33.289

40, 45.403, 34.842

83, 20.251,
209.757

37, 53.576, 36.734

87, 24.043,
209.851

35, 61.394, 38.781

33, 67.980, 40.508

92, 27.589,
208.431

94, 30.380,
197.547

Harmonies

Complementary

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



62, 3.173, 29.701



63, 3.061, 209.838

Rectangle

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



62, 3.173, 29.701



62, 3.173, 79.701



62, 3.173, 209.701



62, 3.173, 259.701

Sweetspot

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



62, 3.172, 29.732



81, 1.348, 29.386



62, 5.740, 327.555



43, 0.764, 29.357



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, 3.172, 29.732



78, 4.816, 29.791



63, 3.307, 84.639



32, 2.531, 29.802



30, 65.515, 41.127



1, 4.050, 29.177

Inverse Universe

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



63, 3.061, 209.838



81, 4.606, 209.795



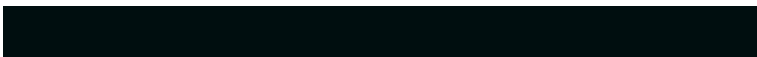
62, 3.300, 266.221



33, 2.417, 209.788



48, 28.796, 216.051



3, 3.959, 212.129

Previews

White Background



This preview shows how the CIELCh color 62, 3.173, 29.701 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, 3.173, 29.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

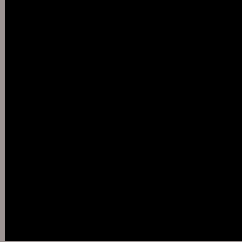
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

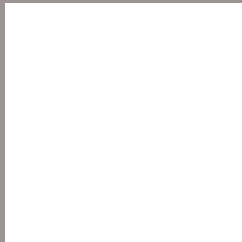
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.173, 29.701

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.173, 29.701.

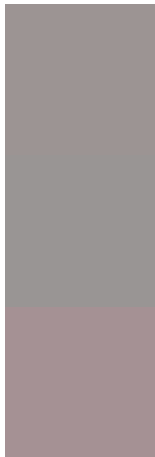


This preview shows how white text looks on a background with the CIELCh color 62, 3.173, 29.701.

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, 3.173, 29.701

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 8.056, 8.174



Tritanopia
62, 8.187, 324.822

Trichromacy



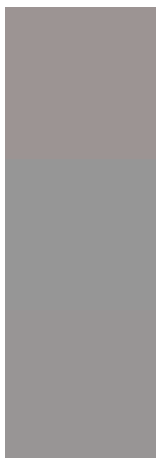
Original Color
62, 3.173, 29.701

Protanomaly
62, 2.018, 35.441

Deuteranomaly
62, 6.386, 9.904

Tritanomaly
62, 5.529, 334.657

Monochromacy



Original Color
62, 3.173, 29.701

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.162, 19.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.173, 29.701 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(156, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 147)  
}
```

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(156, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.173, 29.701 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(156, 148, 147) }
```

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

```
.border{ border-color:rgb(156, 148, 147) }
```

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

Here you see how a box with a 4 pixel rgb(156, 148, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.173, 29.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 147) }
```

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

```
.background{ background-color: rgb(156,  
148, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor