

Converting Colors

CIELCh(62, 4.610, 342.970)

Have a look what the booklet for
CIELCh(62, 4.610, 342.970) contains.

CIELCh(62, 4.800, 344.094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 4.800, 344.094)

Conversions

Conversions Part 1

Format	Color
Hex	9D9398
RGB	157, 147, 152
RGB Percent	62%, 58%, 60%
CMY	0.3834, 0.4226, 0.4030
CMYK	0.00, 0.06, 0.03, 0.38
HSL	330°, 5%, 60%
HSV	330°, 6%, 62%
XYZ	30.1034, 30.4025, 34.0842
YIQ	150.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

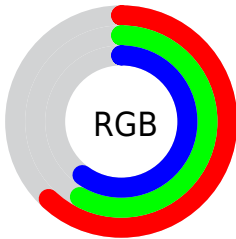
Format	Color
RYB	157, 147, 152
Decimal	10326936
CIELab	62.00, 4.62, -1.32
CIElCh	62, 4.800, 344.094
Yxy	30.4025, 0.3183, 0.3214
Android (android.graphics.Color)	4288517016 (0xFF9D9398)
YUV	150.5600, 0.7099, 5.6479
Hunter-Lab	55.1385, 0.9614, 1.9465

Details

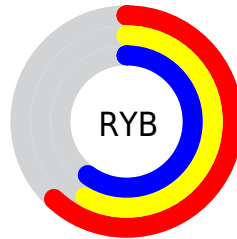
The CIELCh color $62, 4.800, 344.094$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.752, 163.218$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.838, 346.526$, and $42, 5.169, 344.342$ is the 20% darker color. If you saturate the color by 10%, you get $58, 12.483, 345.015$, and if you desaturate by 10%, it is $66, 2.698, 163.508$.

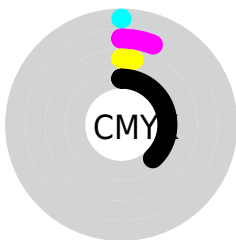
Distribution



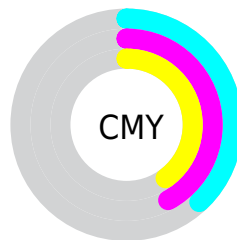
- Red (62%)
- Green (58%)
- Blue (60%)



- Red (62%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.800, 344.094 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, 4.800, 344.094 by changing the saturation by 10% instead.

■ 62, 4.800, 344.094

■ 62, 4.800, 344.094

■ 100, 4.800,
344.094

■ 52, 4.800, 344.094

■ 82, 4.800, 344.094

■ 42, 4.800, 344.094

■ 92, 4.800, 344.094

■ 32, 4.800, 344.094

■ 22, 4.800, 344.094

■ 12, 4.800, 344.094

■ 2, 4.800, 344.094

■ 0, 4.800, 344.094

■ 62, 4.800, 344.094

■ 62, 4.800, 344.094

■ 58, 12.483,

■ 66, 2.698, 163.508

345.015

71, 9.965, 162.693

53, 20.274,
345.996

76, 16.984,
162.014

49, 28.037,
347.096

80, 23.754,
161.393

46, 35.565,
348.361

85, 30.283,
160.819

42, 42.569,
349.849

89, 36.586,
160.286

39, 48.688,
351.644

93, 41.405,
160.471

37, 53.540,
353.862

93, 38.774,
164.989

35, 56.829,
356.646

93, 36.367,
170.104

34, 58.562, 0.115

Harmonies

Complementary

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



62, 4.800, 344.094



64, 4.752, 163.218

Rectangle

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



62, 4.800, 344.094



62, 4.800, 34.094



62, 4.800, 164.094



62, 4.800, 214.094

Sweetspot

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



62, 4.798, 344.101



81, 1.859, 343.600



62, 5.959, 309.326



43, 1.055, 343.576



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, 4.798, 344.101



78, 7.478, 344.267



62, 3.914, 19.670



31, 4.300, 344.366



30, 55.130, 1.052



1, 5.467, 345.067

Inverse Universe

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



62, 4.798, 344.101



78, 7.478, 344.267



64, 3.764, 199.186



31, 4.300, 344.366



30, 55.130, 1.052



1, 5.467, 345.067

Previews

White Background



This preview shows how the CIELCh color 62, 4.800, 344.094 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, 4.800, 344.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

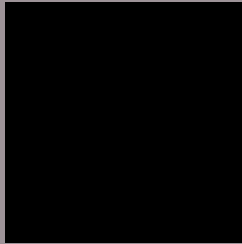
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

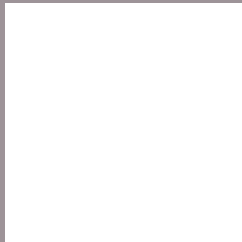
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.800, 344.094

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.800, 344.094.



This preview shows how white text looks on a background with the CIELCh color 62, 4.800, 344.094.

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, 4.800, 344.094

Protanopia

62, 2.387, 309.139

Deuteranopia

62, 8.324, 347.673



Tritanopia
62, 8.187, 324.822

Trichromacy



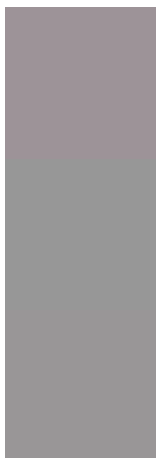
Original Color
62, 4.800, 344.094

Protanomaly
62, 3.424, 324.555

Deuteranomaly
62, 7.036, 346.222

Tritanomaly
62, 7.295, 329.805

Monochromacy



Original Color
62, 4.800, 344.094

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.296, 353.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.800, 344.094 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(157, 147, 152)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 152)  
}
```

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(157, 147, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.800, 344.094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

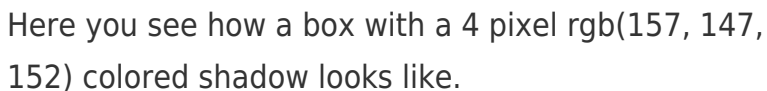
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 147, 152) }
```

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

```
.border{ border-color:rgb(157, 147, 152) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 147, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 147, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 147, 152);  
box-shadow:4px 4px 4px 4px rgb(157, 147,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.800, 344.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 152) }
```

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

```
.background{ background-color: rgb(157,  
147, 152) }
```

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