

Converting Colors

CIELCh(62, 3.322, 74.547)

Have a look what the booklet for
CIELCh(62, 3.322, 74.547) contains.

CIELCh(62, 3.402, 74.563)	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, 3.402, 74.563)

Conversions

Conversions Part 1

Format	Color
Hex	9A9590
RGB	154, 149, 144
RGB Percent	60%, 58%, 56%
CMY	0.3959, 0.4155, 0.4351
CMYK	0.00, 0.03, 0.06, 0.40
HSL	30°, 5%, 58%
HSV	30°, 6%, 60%
XYZ	29.1308, 30.4025, 30.7402
YIQ	149.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

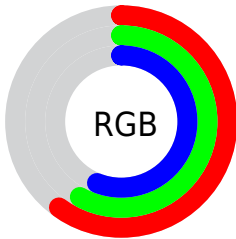
Format	Color
RYB	154, 154, 144
Decimal	10130832
CIELab	62.00, 0.91, 3.28
CIELCh	62, 3.402, 74.563
Yxy	30.4025, 0.3227, 0.3368
Android (android.graphics.Color)	4288320912 (0xFF9A9590)
YUV	149.9250, -2.9210, 3.5738
Hunter-Lab	55.1385, -2.1871, 5.5423

Details

The CIELCh color **62, 3.402, 74.563** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 3.360, 256.342**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 3.205, 74.722**, and **42, 3.204, 68.172** is the 20% darker color. If you saturate the color by 10%, you get **60, 8.848, 73.444**, and if you desaturate by 10%, it is **65, 1.810, 256.030**.

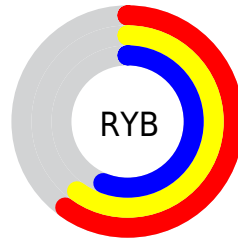
Distribution



Red (60%)

Green (58%)

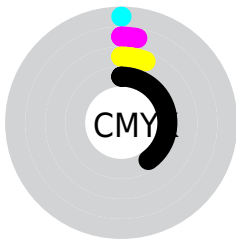
Blue (56%)



Red (60%)

Yellow (60%)

Blue (56%)

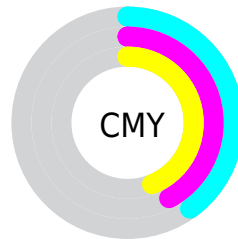


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.402, 74.563 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, 3.402, 74.563 by changing the saturation by 10% instead.

■ 62, 3.402, 74.563

■ 62, 3.402, 74.563

■ 100, 3.402, 74.563

■ 52, 3.402, 74.563

■ 82, 3.402, 74.563

■ 42, 3.402, 74.563

■ 92, 3.402, 74.563

■ 32, 3.402, 74.563

■ 22, 3.402, 74.563

■ 12, 3.402, 74.563

■ 2, 3.402, 74.563

■ 0, 3.402, 74.563

■ 62, 3.402, 74.563

■ 62, 3.402, 74.563

■ 60, 8.848, 73.444

■ 65, 1.810, 256.030

57, 14.547, 72.236

67, 6.811, 257.056

55, 20.509, 71.008

70, 11.623,
258.150

52, 26.728, 69.768

72, 16.268,
259.216

50, 33.166, 68.509

48, 39.713, 67.203

75, 20.763,
260.242

46, 46.135, 65.774

77, 25.126,
261.226

44, 51.977, 64.061

42, 56.653, 61.858

80, 29.372,
262.166

82, 28.379,
255.144

84, 26.773,
245.055

Harmonies

Complementary

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



62, 3.402, 74.563



61, 3.360, 256.342

Rectangle

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



62, 3.402, 74.563



62, 3.402, 124.563



62, 3.402, 254.563



62, 3.402, 304.563

Sweetspot

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



62, 3.403, 74.594



81, 1.287, 74.924



61, 4.818, 344.104



43, 0.737, 74.920



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, 3.403, 74.594



79, 5.239, 74.413



63, 5.561, 109.562



31, 2.965, 74.294



38, 54.389, 61.525



2, 3.135, 74.532

Inverse Universe

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



61, 3.360, 256.342



78, 5.148, 256.544



60, 5.651, 290.823



31, 2.905, 256.680



30, 45.305, 283.001



2, 3.174, 256.359

Previews

White Background



This preview shows how the CIELCh color 62, 3.402, 74.563 looks on a white background.

Color Contrast Check

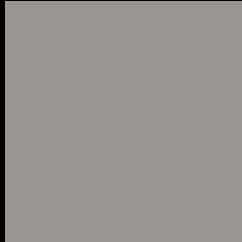
Large Text (above 18pt) WCAG AA × Fail

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, 3.402, 74.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

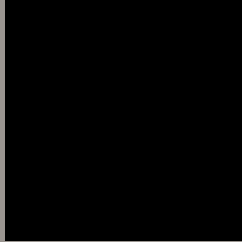
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

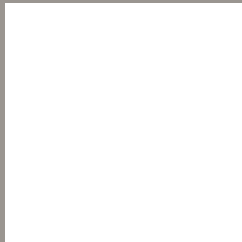
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.402, 74.563

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.402, 74.563.



This preview shows how white text looks on a background with the CIELCh color 62, 3.402, 74.563.

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, 3.402, 74.563

Protanopia

62, 3.402, 74.563

Deuteranopia

62, 8.340, 20.170



Tritanopia
62, 7.100, 319.631

Trichromacy



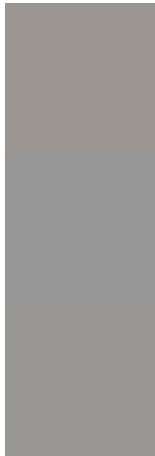
Original Color
62, 3.402, 74.563

Protanomaly
62, 3.402, 74.563

Deuteranomaly
62, 6.353, 24.979

Tritanomaly
62, 3.914, 333.939

Monochromacy



Original Color
62, 3.402, 74.563

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.174, 90.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.402, 74.563 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, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(154, 149, 144)  
}
```

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, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.402, 74.563 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, 149, 144) }
```

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

```
.border{ border-color:rgb(154, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.402, 74.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 144) }
```

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

```
.background{ background-color: rgb(154,  
149, 144) }
```

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