

Converting Colors

CIELCh(61, 3.611, 342.471)

Have a look what the booklet for
CIELCh(61, 3.611, 342.471) contains.

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Color

CIELCh(61, 3.854, 343.983)

Conversions

Conversions Part 1

Format	Color
Hex	999195
RGB	153, 145, 149
RGB Percent	60%, 57%, 58%
CMY	0.3995, 0.4309, 0.4152
CMYK	0.00, 0.05, 0.03, 0.40
HSL	330°, 4%, 58%
HSV	330°, 5%, 60%
XYZ	28.7407, 29.2481, 32.6177
YIQ	147.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

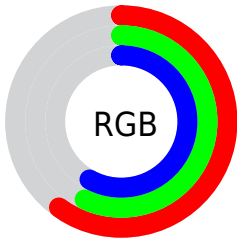
Format	Color
R _Y B	153, 145, 149
Decimal	10064277
CIE Lab	61.00, 3.70, -1.06
CIE LCh	61, 3.854, 343.983
Yxy	29.2481, 0.3172, 0.3228
Android (android.graphics.Color)	4288254357 (0xFF999195)
YUV	147.8480, 0.5679, 4.5183
Hunter-Lab	54.0815, 0.2181, 2.0981

Details

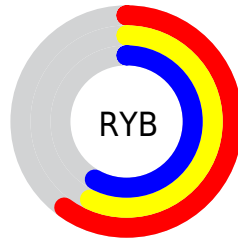
The CIELCh color $61, 3.854, 343.983$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.819, 163.329$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.639, 343.851$, and $41, 3.465, 348.176$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.355, 344.907$, and if you desaturate by 10%, it is $65, 3.460, 163.394$.

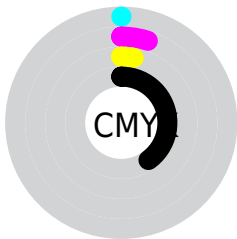
Distribution



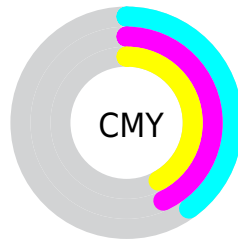
- Red (60%)
- Green (57%)
- Blue (58%)



- Red (60%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 3.854, 343.983 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 61, 3.854, 343.983 by changing the saturation by 10% instead.

61, 3.854, 343.983

61, 3.854, 343.983

100, 3.854,
343.983

51, 3.854, 343.983

81, 3.854, 343.983

41, 3.854, 343.983

91, 3.854, 343.983

31, 3.854, 343.983

21, 3.854, 343.983

11, 3.854, 343.983

1, 3.854, 343.983

0, 3.854, 343.983

61, 3.854, 343.983

61, 3.854, 343.983

57, 11.355,

65, 3.460, 163.394

344.907

70, 10.545,
162.615

53, 18.973,
345.874

74, 17.387,
161.945

49, 26.583,
346.956

79, 23.987,
161.331

45, 33.992,
348.195

83, 30.353,
160.762

41, 40.928,
349.648

88, 36.499,
160.234

38, 47.048,
351.395

92, 42.441,
159.742

36, 51.976,
353.545

93, 41.294,
163.029

34, 55.405,
356.241

93, 38.837,
167.577

33, 57.265,
359.619

Harmonies

Complementary

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



61, 3.854, 343.983



63, 3.819, 163.329

Rectangle

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



61, 3.854, 343.983



61, 3.854, 33.983



61, 3.854, 163.983



61, 3.854, 213.983

Sweetspot

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



61, 3.852, 343.992



79, 1.821, 343.600



61, 4.784, 309.272



42, 1.033, 343.575



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 3.852, 343.992



77, 5.481, 344.078



61, 3.132, 19.571



31, 2.919, 344.110



30, 54.420, 0.978



1, 4.448, 344.110

Inverse Universe

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



61, 3.852, 343.992



77, 5.481, 344.078



63, 3.034, 199.273



31, 2.919, 344.110



30, 54.420, 0.978



1, 4.448, 344.110

Previews

White Background



This preview shows how the CIELCh color 61, 3.854, 343.983 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 3.854, 343.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

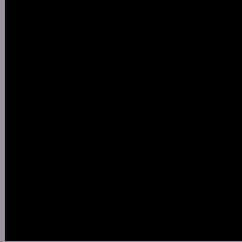
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 3.854, 343.983

Background



This preview shows how black text looks on a background with the CIELCh color 61, 3.854, 343.983.



This preview shows how white text looks on a background with the CIELCh color 61, 3.854, 343.983.

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

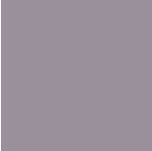
61, 3.854, 343.983

Protanopia

61, 2.550, 317.343

Deuteranopia

61, 7.725, 349.592



Tritanopia
61, 7.320, 322.282

Trichromacy



Original Color
61, 3.854, 343.983

Protanomaly
61, 2.986, 330.643

Deuteranomaly
61, 6.427, 348.401

Tritanomaly
61, 6.396, 327.601

Monochromacy



Original Color
61, 3.854, 343.983

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.300, 353.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 3.854, 343.983 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(153, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 149)  
}
```

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(153, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 3.854, 343.983 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(153, 145, 149) }
```

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

```
.border{ border-color:rgb(153, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 3.854, 343.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 149) }
```

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

```
.background{ background-color: rgb(153,  
145, 149) }
```

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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