

Converting Colors

CIELCh(61, 1.663, 345.773)

Have a look what the booklet for
CIELCh(61, 1.663, 345.773) contains.

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Color

CIELCh(61, 1.930, 343.692)

Conversions

Conversions Part 1

Format	Color
Hex	969294
RGB	150, 146, 148
RGB Percent	59%, 57%, 58%
CMY	0.4111, 0.4268, 0.4190
CMYK	0.00, 0.03, 0.01, 0.41
HSL	330°, 2%, 58%
HSV	330°, 3%, 59%
XYZ	28.2675, 29.2481, 32.2379
YIQ	147.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

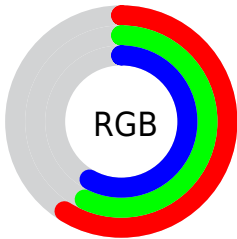
Format	Color
R_{YB}	150, 146, 148
Decimal	9867924
CIE _{Lab}	61.00, 1.85, -0.54
CIE _{LCh}	61, 1.930, 343.692
Yxy	29.2481, 0.3149, 0.3259
Android (android.graphics.Color)	4288058004 (0xFF969294)
YUV	147.4240, 0.2840, 2.2592
Hunter-Lab	54.0815, -1.3437, 2.5145

Details

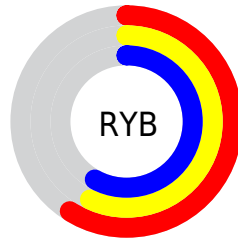
The CIELCh color $61, 1.930, 343.692$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 1.912, 163.629$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 1.823, 343.584$, and $41, 1.402, 353.750$ is the 20% darker color. If you saturate the color by 10%, you get $57, 9.268, 344.679$, and if you desaturate by 10%, it is $65, 5.213, 163.181$.

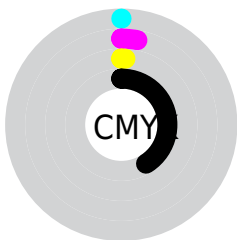
Distribution



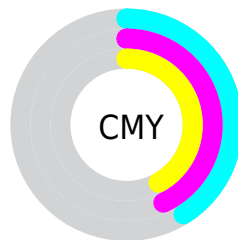
- Red (59%)
- Green (57%)
- Blue (58%)



- Red (59%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 1.930, 343.692 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, 1.930, 343.692 by changing the saturation by 10% instead.

■ 61, 1.930, 343.692

■ 61, 1.930, 343.692

100, 1.930,
343.692

■ 51, 1.930, 343.692

■ 81, 1.930, 343.692

■ 41, 1.930, 343.692

■ 91, 1.930, 343.692

■ 31, 1.930, 343.692

■ 21, 1.930, 343.692

■ 11, 1.930, 343.692

■ 1, 1.930, 343.692

■ 0, 1.930, 343.692

■ 61, 1.930, 343.692

■ 61, 1.930, 343.692

■ 57, 9.268, 344.679

■ 65, 5.213, 163.181

53, 16.745,
345.622

70, 12.124,
162.447

49, 24.251,
346.668

74, 18.796,
161.793

45, 31.616,
347.860

78, 25.232,
161.192

41, 38.595,
349.248

83, 31.441,
160.636

38, 44.867,
350.905

87, 37.437,
160.118

36, 50.065,
352.932

92, 43.236,
159.635

34, 53.858,
355.463

93, 42.697,
162.426

33, 56.078,
358.649

93, 40.249,
166.694

Harmonies

Complementary

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



61, 1.930, 343.692



62, 1.912, 163.629

Rectangle

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



61, 1.930, 343.692



61, 1.930, 33.692



61, 1.930, 163.692



61, 1.930, 213.692

Sweetspot

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



61, 1.928, 343.709



79, 0.903, 343.306



61, 2.395, 309.141



42, 0.518, 343.272



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, 1.928, 343.709



78, 2.703, 343.763



61, 1.557, 19.275



30, 1.617, 343.837



29, 53.706, 0.914



1, 3.518, 343.664

Inverse Universe

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



61, 1.928, 343.709



78, 2.703, 343.763



62, 1.530, 199.553



30, 1.617, 343.837



29, 53.706, 0.914



1, 3.518, 343.664

Previews

White Background



This preview shows how the CIELCh color 61, 1.930, 343.692 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, 1.930, 343.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

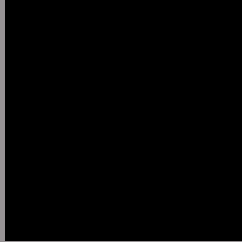
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

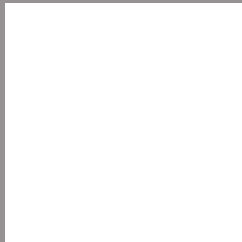
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 1.930, 343.692

Background



This preview shows how black text looks on a background with the CIELCh color 61, 1.930, 343.692.

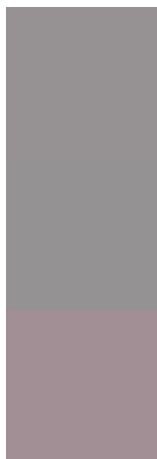


This preview shows how white text looks on a background with the CIELCh color 61, 1.930, 343.692.

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, 1.930, 343.692

Protanopia

61, 1.632, 335.630

Deuteranopia

61, 7.819, 354.684



Tritanopia
61, 6.636, 310.918

Trichromacy



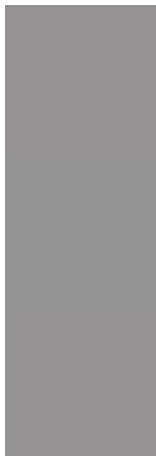
Original Color
61, 1.930, 343.692

Protanomaly
61, 1.632, 335.630

Deuteranomaly
61, 5.811, 351.044

Tritanomaly
61, 5.088, 317.479

Monochromacy



Original Color
61, 1.930, 343.692

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.967, 343.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 1.930, 343.692 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(150, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 146, 148)  
}
```

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(150, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 146, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 1.930, 343.692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

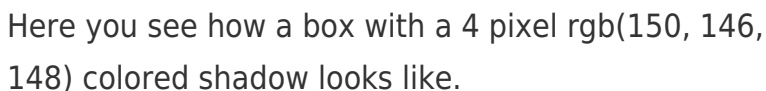
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 146, 148) }
```

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

```
.border{ border-color:rgb(150, 146, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 146,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 1.930, 343.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 146, 148) }
```

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

```
.background{ background-color: rgb(150,  
146, 148) }
```

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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