

Converting Colors

CIELCh(63, 6.257, 150.533)

Have a look what the booklet for
CIELCh(63, 6.257, 150.533) contains.

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Color

CIELCh(63, 5.934, 150.170)

Conversions

Conversions Part 1

Format	Color
Hex	919B93
RGB	145, 155, 147
RGB Percent	57%, 61%, 58%
CMY	0.4312, 0.3920, 0.4234
CMYK	0.06, 0.00, 0.05, 0.39
HSL	132°, 5%, 59%
HSV	132°, 6%, 61%
XYZ	28.6813, 31.5869, 32.2049
YIQ	151.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

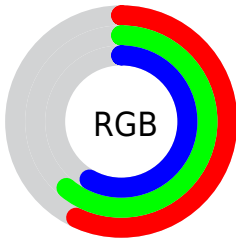
Format	Color
RYB	145, 153, 155
Decimal	9542547
CIELab	63.00, -5.15, 2.95
CIELCh	63, 5.934, 150.170
Yxy	31.5869, 0.3102, 0.3416
Android (android.graphics.Color)	4287732627 (0xFF919B93)
YUV	151.0980, -2.0203, -5.3479
Hunter-Lab	56.2022, -7.2612, 5.3673

Details

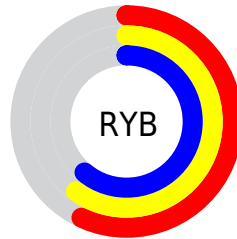
The CIELCh color **63, 5.934, 150.170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 5.956, 330.873**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 5.606, 150.285**, and **43, 6.123, 147.146** is the 20% darker color. If you saturate the color by 10%, you get **62, 15.220, 149.443**, and if you desaturate by 10%, it is **65, 3.249, 330.653**.

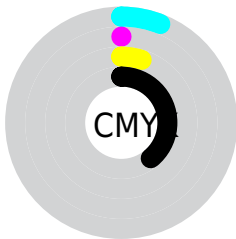
Distribution



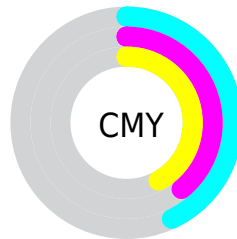
- Red (57%)
- Green (61%)
- Blue (58%)



- Red (57%)
- Yellow (60%)
- Blue (61%)



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



- Cyan (43%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 5.934, 150.170 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 63, 5.934, 150.170 by changing the saturation by 10% instead.

■ 63, 5.934, 150.170

■ 63, 5.934, 150.170

■ 100, 5.934,
150.170

■ 53, 5.934, 150.170

■ 83, 5.934, 150.170

■ 43, 5.934, 150.170

■ 93, 5.934, 150.170

■ 33, 5.934, 150.170

■ 23, 5.934, 150.170

■ 13, 5.934, 150.170

■ 3, 5.934, 150.170

■ 0, 5.934, 150.170

■ 63, 5.934, 150.170

■ 63, 5.934, 150.170

■ 62, 15.220,

■ 65, 3.249, 330.653

149.443

66, 12.260,
331.238

60, 24.503,
148.628

68, 21.048,
331.709

59, 33.655,
147.689

70, 29.582,
332.119

58, 42.516,
146.607

72, 37.845,
332.481

57, 50.902,
145.372

74, 45.832,
332.803

57, 58.616,
143.982

76, 53.545,
333.092

56, 65.460,
142.458

77, 58.556,
329.169

56, 71.252,
140.850

77, 62.083,
326.554

56, 75.863,
139.265

Harmonies

Complementary

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



63, 5.934, 150.170



61, 5.956, 330.873

Rectangle

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



63, 5.934, 150.170



63, 5.934, 200.170



63, 5.934, 330.170



63, 5.934, 20.170

Sweetspot

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



63, 5.936, 150.169



81, 2.265, 150.541



64, 5.612, 116.915



43, 1.297, 150.557



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 5.936, 150.169



80, 9.122, 150.047



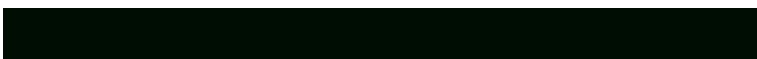
63, 4.222, 174.333



32, 5.154, 149.972



51, 71.547, 138.948



3, 5.566, 150.413

Inverse Universe

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



61, 5.956, 330.873



77, 9.151, 330.986



61, 4.299, 355.311



30, 5.170, 331.055



31, 63.636, 337.887



1, 5.500, 330.996

Previews

White Background



This preview shows how the CIE LCh color 63, 5.934, 150.170 looks on a white background.

Color Contrast Check

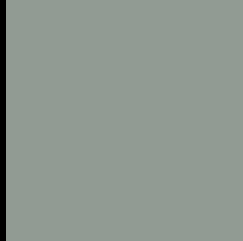
Large Text (above 18pt) WCAG AA × Fail

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 63, 5.934, 150.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

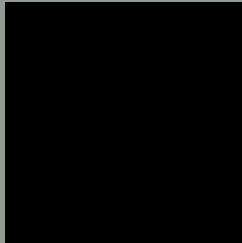
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

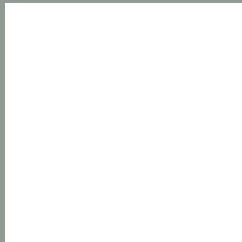
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 5.934, 150.170

Background



This preview shows how black text looks on a background with the CIELCh color 63, 5.934, 150.170.



This preview shows how white text looks on a background with the CIELCh color 63, 5.934, 150.170.

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

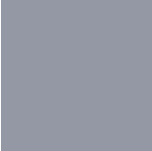
63, 5.934, 150.170

Protanopia

63, 4.354, 82.872

Deuteranopia

63, 8.352, 12.529



Tritanopia
63, 6.850, 278.443

Trichromacy



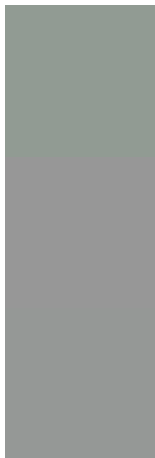
Original Color
63, 5.934, 150.170

Protanomaly
63, 3.897, 109.738

Deuteranomaly
63, 4.067, 35.541

Tritanomaly
63, 3.561, 251.256

Monochromacy



Original Color
63, 5.934, 150.170

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 1.612, 155.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 5.934, 150.170 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(145, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(145, 155, 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(145, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 155, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 5.934, 150.170 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(145, 155, 147) }
```

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

```
.border{ border-color:rgb(145, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(145, 155,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 5.934, 150.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 155, 147) }
```

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

```
.background{ background-color: rgb(145,  
155, 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](#).

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