

Converting Colors

CIELCh(64, 1.152, 19.512)

Have a look what the booklet for
CIELCh(64, 1.152, 19.512) contains.

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Color

CIELCh(64, 1.155, 19.119)

Conversions

Conversions Part 1

Format	Color
Hex	9D9A9A
RGB	157, 154, 154
RGB Percent	62%, 60%, 60%
CMY	0.3827, 0.3945, 0.3945
CMYK	0.00, 0.02, 0.02, 0.38
HSL	0°, 2%, 61%
HSV	0°, 2%, 62%
XYZ	31.4739, 32.8017, 35.4224
YIQ	154.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

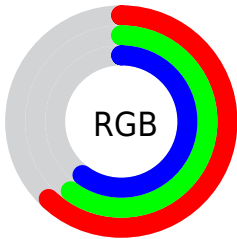
Format	Color
RYB	157, 154, 154
Decimal	10328730
CIELab	64.00, 1.09, 0.38
CIELCh	64, 1.155, 19.119
Yxy	32.8017, 0.3157, 0.3290
Android (android.graphics.Color)	4288518810 (0xFF9D9A9A)
YUV	154.8970, -0.4422, 1.8443
Hunter-Lab	57.2727, -2.1335, 3.4209

Details

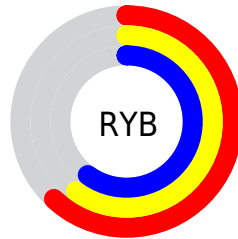
The CIELCh color **64, 1.155, 19.119** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 1.139, 199.785**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 1.457, 19.124**, and **44, 1.244, 19.286** is the 20% darker color. If you saturate the color by 10%, you get **59, 7.486, 20.180**, and if you desaturate by 10%, it is **69, 4.709, 199.184**.

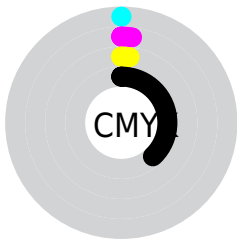
Distribution



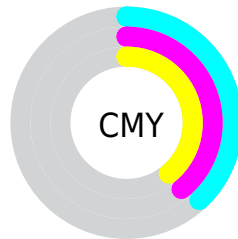
- Red (62%)
- Green (60%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 1.155, 19.119 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 64, 1.155, 19.119 by changing the saturation by 10% instead.

 64, 1.155, 19.119  64, 1.155, 19.119


 100, 1.155, 19.119  54, 1.155, 19.119


 84, 1.155, 19.119  44, 1.155, 19.119

 94, 1.155, 19.119  34, 1.155, 19.119

 24, 1.155, 19.119

 14, 1.155, 19.119

 4, 1.155, 19.119

 0, 1.155, 19.119

 64, 1.155, 19.119  64, 1.155, 19.119

 59, 7.486, 20.180  69, 4.709, 199.184

55, 14.313, 21.041

73, 10.144,
198.728

50, 21.635, 22.129

78, 15.194,
198.388

46, 29.408, 23.536

43, 37.526, 25.364

83, 19.904,
198.119

39, 45.808, 27.715

88, 24.315,
197.900

36, 53.996, 30.647

34, 61.721, 34.057

92, 28.465,
197.720

33, 68.294, 37.434

94, 30.052,
197.567

Harmonies

Complementary

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



64, 1.155, 19.119



65, 1.139, 199.785

Rectangle

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



64, 1.155, 19.119



64, 1.155, 69.119



64, 1.155, 199.119



64, 1.155, 249.119

Sweetspot

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



64, 1.154, 19.194



81, 0.746, 18.793



64, 2.045, 324.439



43, 0.423, 18.742



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 1.154, 19.194



81, 1.496, 19.228



64, 1.003, 74.888



33, 0.687, 19.179



29, 67.079, 39.177



1, 4.469, 19.478

Inverse Universe

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



65, 1.139, 199.785



82, 1.475, 199.752



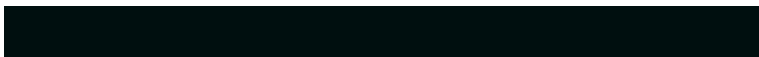
64, 1.010, 255.949



33, 0.678, 199.800



54, 32.501, 196.525



3, 4.467, 199.518

Previews

White Background



This preview shows how the CIELCh color 64, 1.155, 19.119 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 64, 1.155, 19.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

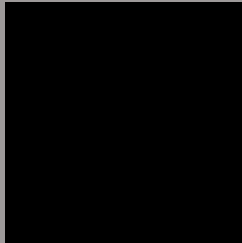
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

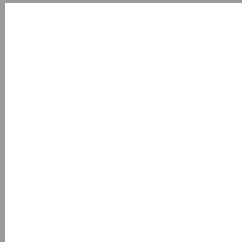
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 1.155, 19.119

Background



This preview shows how black text looks on a background with the CIELCh color 64, 1.155, 19.119.

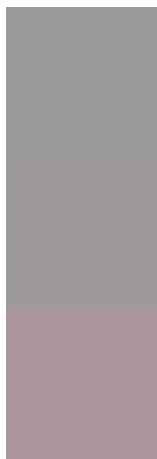


This preview shows how white text looks on a background with the CIELCh color 64, 1.155, 19.119.

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


64, 1.155, 19.119

Protanopia

64, 1.542, 19.254

Deuteranopia

64, 8.278, 0.587



Tritanopia
64, 7.098, 309.370

Trichromacy



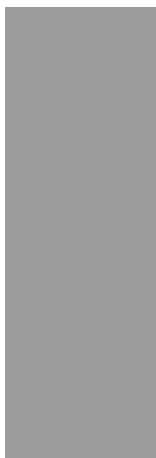
Original Color
64, 1.155, 19.119

Protanomaly
64, 1.542, 19.254

Deuteranomaly
64, 5.319, 1.578

Tritanomaly
64, 4.210, 311.673

Monochromacy



Original Color
64, 1.155, 19.119

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 0.384, 18.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 1.155, 19.119 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, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 154, 154)  
}
```

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, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 1.155, 19.119 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, 154, 154) }
```

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

```
.border{ border-color:rgb(157, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 1.155, 19.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 154, 154) }
```

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

```
.background{ background-color: rgb(157,  
154, 154) }
```

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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