

Converting Colors

CIELCh(64, 1.545, 19.257)

Have a look what the booklet for
CIELCh(64, 1.545, 19.257) contains.

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Color

CIELCh(64, 1.542, 19.254)

Conversions

Conversions Part 1

Format	Color
Hex	9E9A9A
RGB	158, 154, 154
RGB Percent	62%, 60%, 60%
CMY	0.3796, 0.3953, 0.3953
CMYK	0.00, 0.03, 0.03, 0.38
HSL	0°, 2%, 61%
HSV	0°, 3%, 62%
XYZ	31.5735, 32.8017, 35.3219
YIQ	155.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

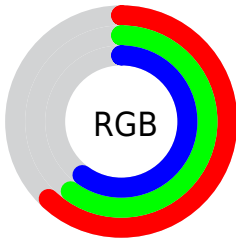
Format	Color
RYB	158, 154, 154
Decimal	10394266
CIELab	64.00, 1.46, 0.51
CIELCh	64, 1.542, 19.254
Yxy	32.8017, 0.3167, 0.3290
Android (android.graphics.Color)	4288584346 (0xFF9E9A9A)
YUV	155.1960, -0.5896, 2.4591
Hunter-Lab	57.2727, -1.8232, 3.5249

Details

The CIELCh color $64, 1.542, 19.254$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 1.516, 199.632$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 1.822, 19.229$, and $44, 1.661, 19.407$ is the 20% darker color. If you saturate the color by 10%, you get $59, 7.931, 20.212$, and if you desaturate by 10%, it is $69, 4.376, 199.201$.

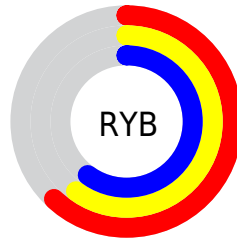
Distribution



Red (62%)

Green (60%)

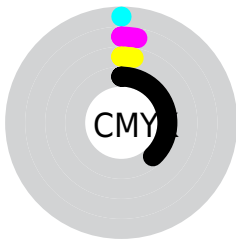
Blue (60%)



Red (62%)

Yellow (60%)

Blue (60%)

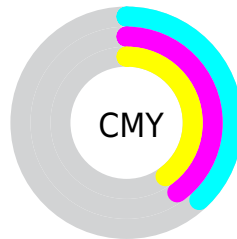


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 1.542, 19.254 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, 1.542, 19.254 by changing the saturation by 10% instead.

 64, 1.542, 19.254  64, 1.542, 19.254

 100, 1.542, 19.254  54, 1.542, 19.254

 84, 1.542, 19.254  44, 1.542, 19.254

 94, 1.542, 19.254  34, 1.542, 19.254

 24, 1.542, 19.254

 14, 1.542, 19.254

 4, 1.542, 19.254

 0, 1.542, 19.254

 64, 1.542, 19.254  64, 1.542, 19.254

 59, 7.931, 20.212  69, 4.376, 199.201

55, 14.818, 21.085

73, 9.859, 198.731

50, 22.202, 22.191

78, 14.953,
198.386

46, 30.034, 23.624

83, 19.703,
198.112

43, 38.202, 25.485

39, 46.521, 27.875

88, 24.150,
197.890

36, 54.724, 30.848

93, 28.333,
197.707

34, 62.431, 34.282

33, 68.911, 37.628

94, 29.853,
197.579

Harmonies

Complementary

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



64, 1.542, 19.254



65, 1.516, 199.632

Rectangle

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



64, 1.542, 19.254



64, 1.542, 69.254



64, 1.542, 199.254



64, 1.542, 249.254

Sweetspot

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



64, 1.541, 19.311



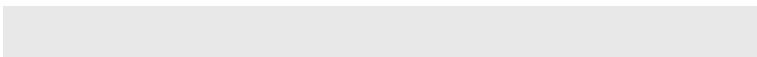
82, 0.753, 18.775



64, 2.723, 324.498



44, 0.432, 18.725



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 1.541, 19.311



81, 2.275, 19.394



65, 1.339, 74.891



33, 1.383, 19.476



29, 67.082, 39.173



1, 4.470, 19.460

Inverse Universe

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



65, 1.516, 199.632



82, 2.232, 199.551



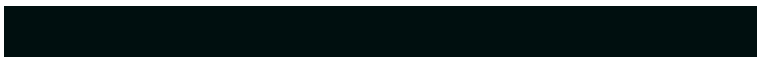
64, 1.343, 255.951



33, 1.352, 199.473



54, 32.512, 196.491



3, 4.469, 199.494

Previews

White Background



This preview shows how the CIELCh color 64, 1.542, 19.254 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, 1.542, 19.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

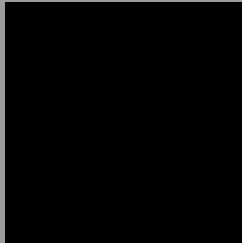
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

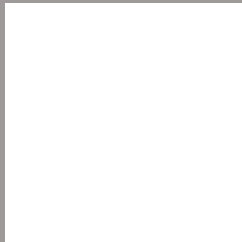
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 1.542, 19.254

Background



This preview shows how black text looks on a background with the CIELCh color 64, 1.542, 19.254.

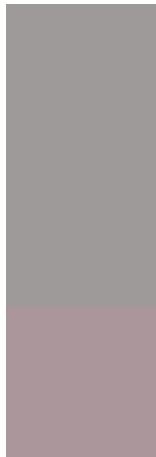


This preview shows how white text looks on a background with the CIELCh color 64, 1.542, 19.254.

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, 1.542, 19.254

Protanopia

64, 1.542, 19.254

Deuteranopia

64, 8.278, 0.587



Tritanopia
64, 7.229, 312.207

Trichromacy



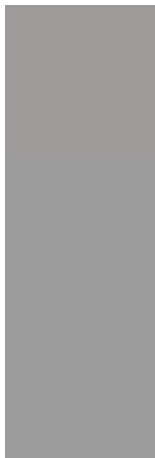
Original Color
64, 1.542, 19.254

Protanomaly
64, 1.542, 19.254

Deuteranomaly
64, 5.692, 2.866

Tritanomaly
64, 5.040, 317.468

Monochromacy



Original Color
64, 1.542, 19.254

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, 1.542, 19.254 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(158, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 1.542, 19.254 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(158, 154, 154) }
```

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

```
.border{ border-color:rgb(158, 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(158, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 1.542, 19.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 154) }
```

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

```
.background{ background-color: rgb(158,  
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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