

Converting Colors

CIELCh(62, 3.869, 14.224)

Have a look what the booklet for
CIELCh(62, 3.869, 14.224) contains.

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Color

CIELCh(62, 3.515, 19.617)

Conversions

Conversions Part 1

Format	Color
Hex	9D9494
RGB	157, 148, 148
RGB Percent	62%, 58%, 58%
CMY	0.3851, 0.4203, 0.4203
CMYK	0.00, 0.06, 0.06, 0.39
HSL	0°, 4%, 60%
HSV	0°, 6%, 61%
XYZ	29.7589, 30.4025, 32.2394
YIQ	150.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

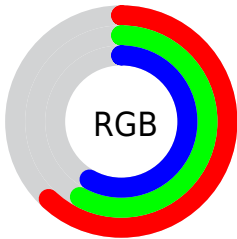
Format	Color
RYB	157, 148, 148
Decimal	10327188
CIELab	62.00, 3.31, 1.18
CIELCh	62, 3.515, 19.617
Yxy	30.4025, 0.3221, 0.3290
Android (android.graphics.Color)	4288517268 (0xFF9D9494)
YUV	150.6910, -1.3267, 5.5330
Hunter-Lab	55.1385, -0.1539, 3.9302

Details

The CIELCh color **62, 3.515, 19.617** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 3.392, 199.257**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 3.681, 19.535**, and **42, 3.809, 19.815** is the 20% darker color. If you saturate the color by 10%, you get **57, 10.017, 20.441**, and if you desaturate by 10%, it is **67, 2.510, 199.398**.

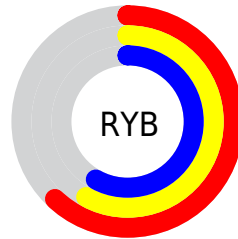
Distribution



Red (62%)

Green (58%)

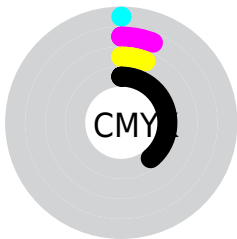
Blue (58%)



Red (62%)

Yellow (58%)

Blue (58%)

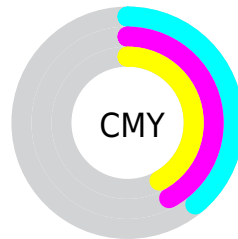


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (39%)



Cyan (39%)


Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.515, 19.617 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 62, 3.515, 19.617 by changing the saturation by 10% instead.

 62, 3.515, 19.617  62, 3.515, 19.617


 100, 3.515, 19.617  52, 3.515, 19.617


 82, 3.515, 19.617  42, 3.515, 19.617

 92, 3.515, 19.617  32, 3.515, 19.617

 22, 3.515, 19.617

 12, 3.515, 19.617

 2, 3.515, 19.617

 0, 3.515, 19.617

 62, 3.515, 19.617  62, 3.515, 19.617

 57, 10.017, 20.441  67, 2.510, 199.398

53, 17.017, 21.379

71, 8.090, 198.829

49, 24.500, 22.580

76, 13.269,
198.453

45, 32.400, 24.139

81, 18.093,
198.158

41, 40.583, 26.159

38, 48.838, 28.734

86, 22.604,
197.920

35, 56.875, 31.881

90, 26.840,
197.724

34, 64.249, 35.379

33, 70.103, 38.509

94, 30.203,
197.558

Harmonies

Complementary

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



62, 3.515, 19.617



64, 3.392, 199.257

Rectangle

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



62, 3.515, 19.617



62, 3.515, 69.617



62, 3.515, 199.617



62, 3.515, 249.617

Sweetspot

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



62, 3.514, 19.642



81, 1.497, 19.177



62, 6.141, 324.714



43, 0.849, 19.145



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 3.514, 19.642



78, 5.340, 19.758



63, 3.045, 74.640



32, 2.807, 19.779



29, 67.088, 39.166



1, 4.471, 19.429

Inverse Universe

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



64, 3.392, 199.257



81, 5.112, 199.157



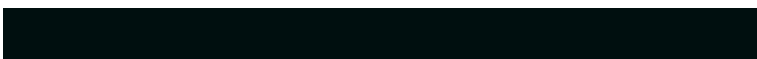
63, 3.014, 256.226



33, 2.682, 199.140



54, 32.530, 196.432



3, 4.471, 199.453

Previews

White Background



This preview shows how the CIELCh color 62, 3.515, 19.617 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 62, 3.515, 19.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

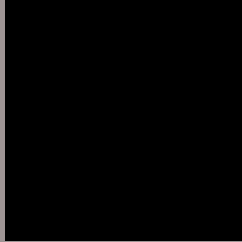
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

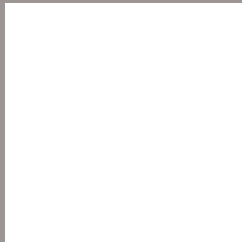
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.515, 19.617

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.515, 19.617.

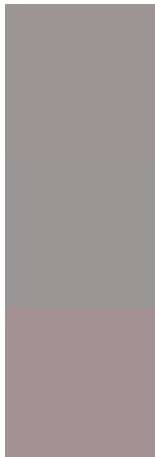


This preview shows how white text looks on a background with the CIELCh color 62, 3.515, 19.617.

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

62, 3.515, 19.617

Protanopia

62, 1.551, 19.267

Deuteranopia

62, 8.056, 8.174



Tritanopia
62, 8.187, 324.822

Trichromacy



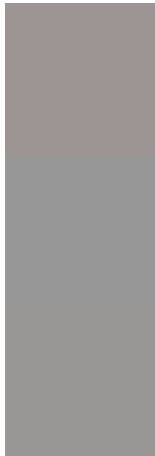
Original Color
62, 3.515, 19.617

Protanomaly
62, 1.941, 19.362

Deuteranomaly
62, 6.386, 9.904

Tritanomaly
62, 5.806, 337.418

Monochromacy



Original Color
62, 3.515, 19.617

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.161, 19.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.515, 19.617 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, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(157, 148, 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(157, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 148, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.515, 19.617 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, 148, 148) }
```

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

```
.border{ border-color:rgb(157, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(157, 148,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.515, 19.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 148, 148) }
```

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

```
.background{ background-color: rgb(157,  
148, 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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