

Converting Colors

CIELCh(62, 11.405, 318.839)

Have a look what the booklet for
CIELCh(62, 11.405, 318.839)
contains.

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Color

CIELCh(62, 11.462, 318.598)

Conversions

Conversions Part 1

Format	Color
Hex	9F91A3
RGB	159, 145, 163
RGB Percent	62%, 57%, 64%
CMY	0.3752, 0.4302, 0.3596
CMYK	0.02, 0.11, 0.00, 0.36
HSL	287°, 9%, 61%
HSV	287°, 11%, 64%
XYZ	31.1707, 30.4025, 39.0223
YIQ	151.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

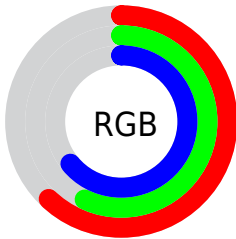
Format	Color
R_{YB}	159, 145, 163
Decimal	10457507
CIE Lab	62.00, 8.60, -7.58
CIE LCh	62, 11.462, 318.598
Yxy	30.4025, 0.3099, 0.3022
Android (android.graphics.Color)	4288647587 (0xFF9F91A3)
YUV	151.2380, 5.7987, 6.8073
Hunter-Lab	55.1385, 4.4167, -3.3635

Details

The CIELCh color **62, 11.462, 318.598** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 11.385, 137.663**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 11.477, 318.858**, and **42, 11.053, 319.781** is the 20% darker color. If you saturate the color by 10%, you get **57, 22.024, 319.039**, and if you desaturate by 10%, it is **67, 1.060, 318.022**.

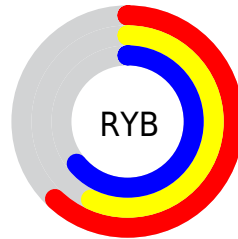
Distribution



Red (62%)

Green (57%)

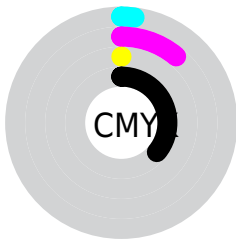
Blue (64%)



Red (62%)

Yellow (57%)

Blue (64%)

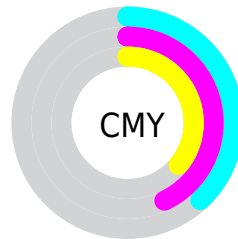


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (38%)


Magenta (43%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 11.462, 318.598 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, 11.462, 318.598 by changing the saturation by 10% instead.


 62, 11.462,
318.598


 62, 11.462,
318.598


 100, 11.462,
318.598


 52, 11.462,
318.598


 82, 11.462,
318.598

 42, 11.462,
318.598

 92, 11.462,
318.598

 32, 11.462,
318.598

 22, 11.462,
318.598

 12, 11.462,
318.598

 2, 11.462, 318.598

 0, 11.462, 318.598

62, 11.462,
318.598

62, 11.462,
318.598

57, 22.024,
319.039

67, 1.060, 318.022

53, 32.644,
319.472

71, 9.110, 137.798

49, 43.146,
319.881

76, 19.016,
137.403

45, 53.275,
320.238

81, 28.642,
137.042

41, 62.677,
320.511

85, 37.987,
136.710

38, 70.908,
320.656

90, 47.055,
136.407

35, 77.482,
320.625


94, 53.203,
135.891

33, 82.000,

94, 52.560,
134.751

320.375

 94, 51.933,
133.568

 32, 84.637,
320.003

Harmonies

Complementary

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



62, 11.462, 318.598



66, 11.385, 137.663

Rectangle

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



62, 11.462, 318.598



62, 11.462, 8.598



62, 11.462, 138.598



62, 11.462, 188.598

Sweetspot

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



62, 11.460, 318.597



83, 3.827, 318.217



62, 7.872, 279.686



44, 2.925, 318.261



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 11.460, 318.597



77, 16.722, 318.696



62, 10.155, 333.662



32, 5.868, 318.518



28, 77.680, 320.076



1, 8.932, 316.576

Inverse Universe

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



62, 7.411, 2.548



77, 10.851, 2.786



65, 10.109, 152.253



32, 3.784, 2.360



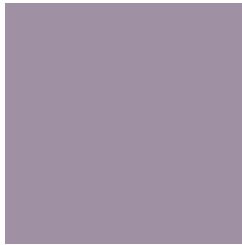
30, 59.720, 26.562



1, 5.714, 3.147

Previews

White Background



This preview shows how the CIELCh color 62, 11.462, 318.598 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 CIELCh color 62, 11.462, 318.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

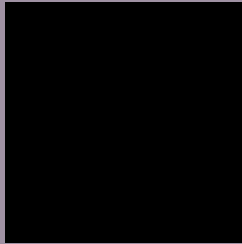
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 11.462, 318.598

Background



This preview shows how black text looks on a background with the CIELCh color 62, 11.462, 318.598.



This preview shows how white text looks on a background with the CIELCh color 62, 11.462, 318.598.

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, 11.462, 318.598

Protanopia

62, 9.545, 289.020

Deuteranopia

62, 10.614, 316.334



Tritanopia
62, 8.187, 324.822

Trichromacy



Original Color
62, 11.462, 318.598

Protanomaly
62, 9.688, 300.025

Deuteranomaly
62, 10.614, 316.334

Tritanomaly
62, 9.132, 320.868

Monochromacy



Original Color
62, 11.462, 318.598

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.891, 319.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 11.462, 318.598 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(159, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 163)  
}
```

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(159, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 11.462, 318.598 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(159, 145, 163) }
```

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

```
.border{ border-color:rgb(159, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 145, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 145, 163); box-shadow:4px 4px 4px 4px rgb(159, 145, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 11.462, 318.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 163) }
```

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

```
.background{ background-color: rgb(159,  
145, 163) }
```

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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