

Converting Colors

CIELCh(62, 10.303, 317.701)

Have a look what the booklet for
CIELCh(62, 10.303, 317.701)
contains.

CIELCh(62, 10.113, 317.691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 10.113, 317.691)

Conversions

Conversions Part 1

Format	Color
Hex	9E92A2
RGB	158, 146, 162
RGB Percent	62%, 57%, 64%
CMY	0.3807, 0.4277, 0.3650
CMYK	0.02, 0.10, 0.00, 0.36
HSL	285°, 8%, 60%
HSV	285°, 10%, 64%
XYZ	30.8683, 30.4025, 38.3889
YIQ	151.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

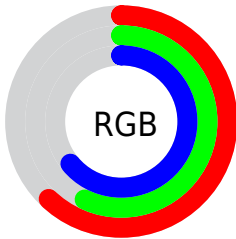
Format	Color
RYB	158, 146, 162
Decimal	10392226
CIELab	62.00, 7.48, -6.81
CIELCh	62, 10.113, 317.691
Yxy	30.4025, 0.3097, 0.3051
Android (android.graphics.Color)	4288582306 (0xFF9E92A2)
YUV	151.4120, 5.2199, 5.7777
Hunter-Lab	55.1385, 3.4377, -2.6823

Details

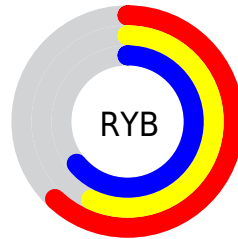
The CIELCh color $62, 10.113, 317.691$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 10.041, 136.880$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.199, 318.061$, and $42, 9.603, 318.895$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.520, 318.127$, and if you desaturate by 10%, it is $67, 0.115, 138.737$.

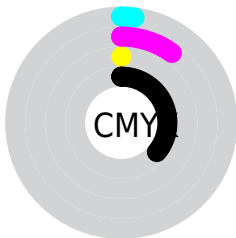
Distribution



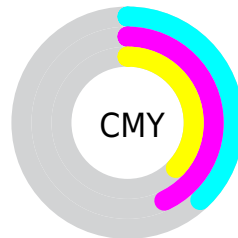
- Red (62%)
- Green (57%)
- Blue (64%)



- Red (62%)
- Yellow (57%)
- Blue (64%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)





- Cyan (38%)
- Magenta (43%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.113, 317.691 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, 10.113, 317.691 by changing the saturation by 10% instead.


 62, 10.113,
317.691


 62, 10.113,
317.691


 100, 10.113,
317.691


 52, 10.113,
317.691


 82, 10.113,
317.691

 42, 10.113,
317.691


 92, 10.113,
317.691

 32, 10.113,
317.691

 22, 10.113,
317.691

 12, 10.113,
317.691

 2, 10.113, 317.691

 0, 10.113, 317.691

62, 10.113,
317.691

62, 10.113,
317.691

57, 20.520,
318.127

67, 0.115, 138.737

53, 31.017,
318.559

71, 10.103,
136.910

49, 41.448,
318.970

76, 19.825,
136.531

45, 51.581,
319.335

81, 29.271,
136.184

41, 61.083,
319.620

85, 38.439,
135.868

38, 69.523,
319.780

90, 47.336,
135.579


35, 76.409,
319.763


94, 53.527,
135.054

33, 81.300,

94, 52.824,
133.767

319.518

 94, 52.142,
132.427

 31, 84.440,
319.077

Harmonies

Complementary

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



62, 10.113, 317.691



65, 10.041, 136.880

Rectangle

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



62, 10.113, 317.691



62, 10.113, 7.691



62, 10.113, 137.691



62, 10.113, 187.691

Sweetspot

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



62, 10.111, 317.690



83, 3.797, 317.367



62, 6.738, 277.338



44, 2.903, 317.410



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, 10.111, 317.690



78, 15.308, 317.793



62, 9.247, 332.312



32, 5.824, 317.663



28, 78.020, 319.147



1, 8.856, 315.613

Inverse Universe

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



62, 6.651, 0.377



78, 10.101, 0.629



65, 9.213, 151.103



32, 3.828, 0.313



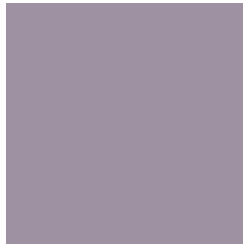
30, 58.771, 24.275



1, 5.775, 1.248

Previews

White Background



This preview shows how the CIELCh color 62, 10.113, 317.691 looks on a white background.

Color Contrast Check

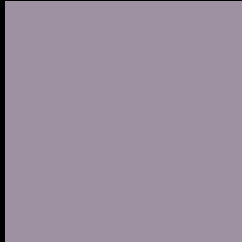
Large Text (above 18pt) WCAG AA × Fail

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, 10.113, 317.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

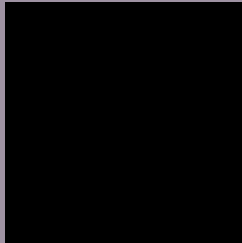
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.113, 317.691

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.113, 317.691.



This preview shows how white text looks on a background with the CIELCh color 62, 10.113, 317.691.

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

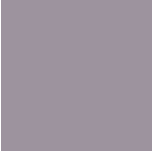
62, 10.113, 317.691

Protanopia

62, 8.424, 288.592

Deuteranopia

62, 10.289, 319.598



Tritanopia
62, 7.294, 322.275

Trichromacy



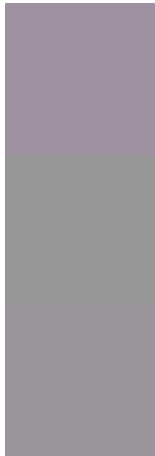
Original Color
62, 10.113, 317.691

Protanomaly
62, 8.581, 301.107

Deuteranomaly
62, 10.289, 319.598

Tritanomaly
62, 7.775, 320.109

Monochromacy



Original Color
62, 10.113, 317.691

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.895, 319.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.113, 317.691 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, 146, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 162)  
}
```

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, 146, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.113, 317.691 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, 146, 162) }
```

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

```
.border{ border-color:rgb(158, 146, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 146, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.113, 317.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 162) }
```

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

```
.background{ background-color: rgb(158,  
146, 162) }
```

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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