

Converting Colors

CIELCh(62, 9.619, 317.675)

Have a look what the booklet for
CIELCh(62, 9.619, 317.675) contains.

CIELCh(62, 9.618, 319.195)	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, 9.618, 319.195)

Conversions

Conversions Part 1

Format	Color
Hex	9E92A1
RGB	158, 146, 161
RGB Percent	62%, 57%, 63%
CMY	0.3804, 0.4274, 0.3686
CMYK	0.02, 0.09, 0.00, 0.37
HSL	288°, 7%, 60%
HSV	288°, 9%, 63%
XYZ	30.8148, 30.4025, 37.9649
YIQ	151.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

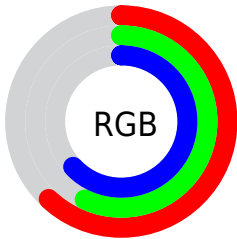
Format	Color
RYB	158, 146, 161
Decimal	10392225
CIELab	62.00, 7.28, -6.29
CIELCh	62, 9.618, 319.195
Yxy	30.4025, 0.3107, 0.3065
Android (android.graphics.Color)	4288582305 (0xFF9E92A1)
YUV	151.2980, 4.7831, 5.8777
Hunter-Lab	55.1385, 3.2646, -2.2264

Details

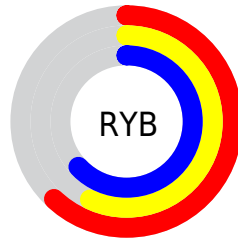
The CIELCh color $62, 9.618, 319.195$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 9.563, 138.408$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.734, 319.490$, and $42, 9.603, 318.895$ is the 20% darker color. If you saturate the color by 10%, you get $58, 20.092, 319.643$, and if you desaturate by 10%, it is $67, 0.692, 139.039$.

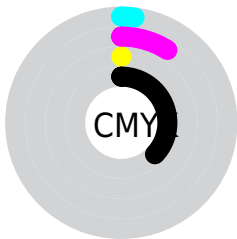
Distribution



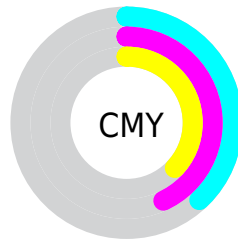
- Red (62%)
- Green (57%)
- Blue (63%)



- Red (62%)
- Yellow (57%)
- Blue (63%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.618, 319.195 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, 9.618, 319.195 by changing the saturation by 10% instead.

62, 9.618, 319.195

62, 9.618, 319.195

100, 9.618,
319.195

52, 9.618, 319.195

82, 9.618, 319.195

42, 9.618, 319.195

92, 9.618, 319.195

32, 9.618, 319.195

22, 9.618, 319.195

12, 9.618, 319.195

2, 9.618, 319.195

0, 9.618, 319.195

62, 9.618, 319.195

62, 9.618, 319.195

58, 20.092,

67, 0.692, 139.039

319.643

71, 10.770,
138.387

53, 30.632,
320.082

76, 20.584,
137.990

49, 41.070,
320.498

80, 30.119,
137.625

45, 51.161,
320.868

85, 39.374,
137.287

41, 60.570,
321.161

90, 48.354,
136.978

38, 68.869,
321.337

93, 54.946,
136.543

36, 75.589,
321.353

94, 54.367,
135.586

34, 80.331,
321.167

94, 53.799,
134.597

32, 83.282,
320.800

Harmonies

Complementary

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



62, 9.618, 319.195



65, 9.563, 138.408

Rectangle

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



62, 9.618, 319.195



62, 9.618, 9.195



62, 9.618, 139.195



62, 9.618, 189.195

Sweetspot

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



62, 9.616, 319.194



82, 3.814, 318.885



62, 6.685, 280.507



43, 2.886, 318.930



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 9.616, 319.194



78, 14.072, 319.280



62, 8.371, 334.200



32, 5.904, 319.192



29, 77.428, 320.835



1, 8.995, 317.351

Inverse Universe

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



62, 6.113, 4.030



78, 8.974, 4.231



65, 8.332, 153.024



32, 3.753, 4.026



30, 60.539, 28.300



1, 5.669, 4.691

Previews

White Background



This preview shows how the CIELCh color 62, 9.618, 319.195 looks on a white background.

Color Contrast Check

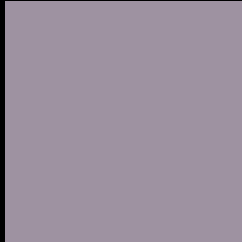
Large Text (above 18pt) WCAG AA × Fail

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, 9.618, 319.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

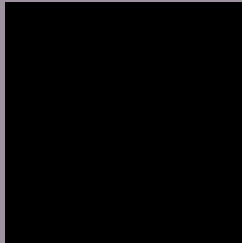
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 9.618, 319.195

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.618, 319.195.



This preview shows how white text looks on a background with the CIELCh color 62, 9.618, 319.195.

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, 9.618, 319.195

Protanopia

62, 7.861, 291.045

Deuteranopia

62, 9.804, 321.174



Tritanopia
62, 8.187, 324.822

Trichromacy



Original Color
62, 9.618, 319.195

Protanomaly
62, 8.030, 301.772

Deuteranomaly
62, 9.804, 321.174

Tritanomaly
62, 8.654, 322.734

Monochromacy



Original Color
62, 9.618, 319.195

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, 9.618, 319.195 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.618, 319.195 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, 161) }
```

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

```
.border{ border-color:rgb(158, 146, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 161);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.618, 319.195 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, 161) }
```

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

```
.background{ background-color: rgb(158,  
146, 161) }
```

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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