

Converting Colors

CIELCh(62, 10.594, 319.216)

Have a look what the booklet for
CIELCh(62, 10.594, 319.216)
contains.

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Color

CIELCh(62, 10.289, 319.598)

Conversions

Conversions Part 1

Format	Color
Hex	9F92A2
RGB	159, 146, 162
RGB Percent	62%, 57%, 64%
CMY	0.3777, 0.4286, 0.3659
CMYK	0.02, 0.10, 0.00, 0.37
HSL	289°, 8%, 60%
HSV	289°, 10%, 63%
XYZ	30.9644, 30.4025, 38.2760
YIQ	151.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

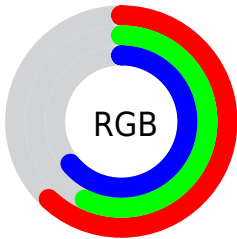
Format	Color
R _{YB}	159, 146, 162
Decimal	10457762
CIE Lab	62.00, 7.84, -6.67
CIE LCh	62, 10.289, 319.598
Yxy	30.4025, 0.3108, 0.3051
Android (android.graphics.Color)	4288647842 (0xFF9F92A2)
YUV	151.7110, 5.0725, 6.3925
Hunter-Lab	55.1385, 3.7489, -2.5610

Details

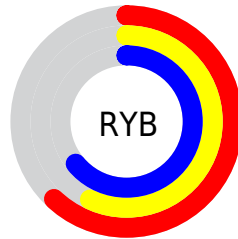
The CIELCh color $62, 10.289, 319.598$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 10.232, 138.746$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 10.370, 319.840$, and $42, 9.797, 321.036$ is the 20% darker color. If you saturate the color by 10%, you get $58, 20.839, 320.049$, and if you desaturate by 10%, it is $67, 0.105, 140.896$.

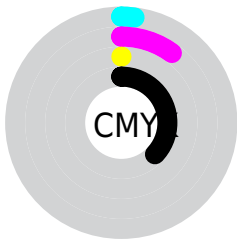
Distribution



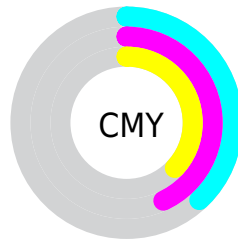
- Red (62%)
- Green (57%)
- Blue (64%)



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



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (37%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.289, 319.598 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, 10.289, 319.598 by changing the saturation by 10% instead.


 62, 10.289,
319.598


 62, 10.289,
319.598


 100, 10.289,
319.598


 52, 10.289,
319.598


 82, 10.289,
319.598

 42, 10.289,
319.598

 92, 10.289,
319.598

 32, 10.289,
319.598

 22, 10.289,
319.598

 12, 10.289,
319.598

 2, 10.289, 319.598

 0, 10.289, 319.598

62, 10.289,
319.598

62, 10.289,
319.598

58, 20.839,
320.049

67, 0.105, 140.896

53, 31.438,
320.490

71, 10.271,
138.779

49, 41.911,
320.907

76, 20.174,
138.374

45, 52.003,
321.275

80, 29.797,
138.001

42, 61.365,
321.564

85, 39.137,
137.656

39, 69.567,
321.736

90, 48.198,
137.338


36, 76.143,
321.750


93, 54.766,
136.904

34, 80.711,

94, 54.217,
136.008

321.566

 94, 53.677,
135.083

 33, 83.561,
321.215

Harmonies

Complementary

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



62, 10.289, 319.598



65, 10.232, 138.746

Rectangle

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



62, 10.289, 319.598



62, 10.289, 9.598



62, 10.289, 139.598



62, 10.289, 189.598

Sweetspot

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



62, 10.287, 319.597



82, 3.828, 319.259



62, 7.262, 281.582



43, 2.897, 319.304



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, 10.287, 319.597



77, 15.417, 319.704



62, 8.817, 334.916



32, 5.925, 319.569



29, 77.294, 321.270



1, 9.032, 317.789

Inverse Universe

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



62, 6.495, 5.043



77, 9.776, 5.289



65, 8.772, 153.636



32, 3.737, 4.978



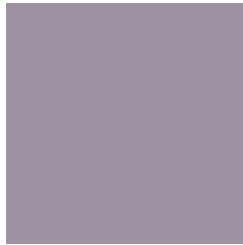
30, 61.021, 29.243



1, 5.646, 5.572

Previews

White Background



This preview shows how the CIELCh color 62, 10.289, 319.598 looks on a white background.

Color Contrast Check

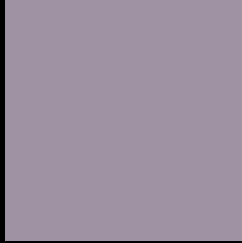
Large Text (above 18pt) WCAG AA × Fail

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, 10.289, 319.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

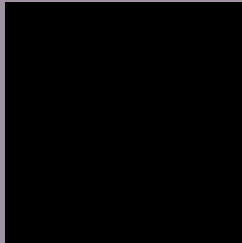
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.289, 319.598

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.289, 319.598.



This preview shows how white text looks on a background with the CIELCh color 62, 10.289, 319.598.

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, 10.289, 319.598

Protanopia

62, 8.424, 288.592

Deuteranopia

62, 10.289, 319.598



Tritanopia
62, 8.187, 324.822

Trichromacy



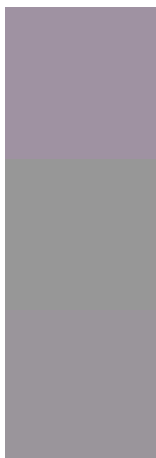
Original Color
62, 10.289, 319.598

Protanomaly
62, 8.581, 301.107

Deuteranomaly
62, 10.289, 319.598

Tritanomaly
62, 8.654, 322.734

Monochromacy



Original Color
62, 10.289, 319.598

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, 10.289, 319.598 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, 146, 162)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 146, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 146, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.289, 319.598 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, 146, 162) }
```

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

```
.border{ border-color:rgb(159, 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(159, 146, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 146, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 146, 162);  
box-shadow:4px 4px 4px 4px rgb(159, 146,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.289, 319.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 146, 162) }
```

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

```
.background{ background-color: rgb(159,  
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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