

Converting Colors

CIELCh(62, 9.869, 341.685)

Have a look what the booklet for
CIELCh(62, 9.869, 341.685) contains.

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Color

CIELCh(62, 10.266, 339.515)

Conversions

Conversions Part 1

Format	Color
Hex	A4909C
RGB	164, 144, 156
RGB Percent	64%, 56%, 61%
CMY	0.3554, 0.4338, 0.3868
CMYK	0.00, 0.12, 0.05, 0.36
HSL	324°, 10%, 61%
HSV	324°, 12%, 64%
XYZ	31.4480, 30.4025, 35.8278
YIQ	151.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

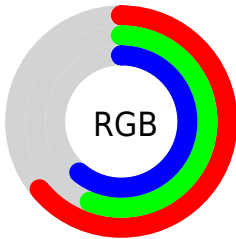
Format	Color
RYB	164, 144, 156
Decimal	10784924
CIELab	62.00, 9.62, -3.59
CIElCh	62, 10.266, 339.515
Yxy	30.4025, 0.3220, 0.3113
Android (android.graphics.Color)	4288975004 (0xFFA4909C)
YUV	151.3480, 2.2934, 11.0958
Hunter-Lab	55.1385, 5.3142, 0.0716

Details

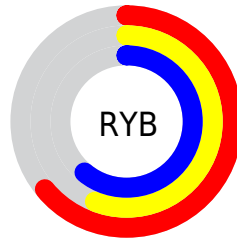
The CIELCh color $62, 10.266, 339.515$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 10.165, 157.737$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.991, 340.701$, and $42, 10.004, 339.257$ is the 20% darker color. If you saturate the color by 10%, you get $58, 18.828, 340.351$, and if you desaturate by 10%, it is $67, 1.816, 338.618$.

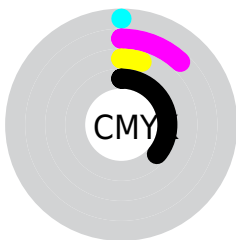
Distribution



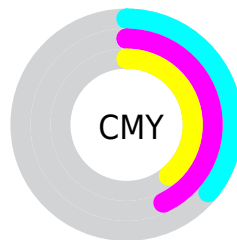
- Red (64%)
- Green (56%)
- Blue (61%)



- Red (64%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (36%)





- Cyan (36%)
- Magenta (43%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.266, 339.515 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, 10.266, 339.515 by changing the saturation by 10% instead.


 62, 10.266,
339.515


 62, 10.266,
339.515


 100, 10.266,
339.515


 52, 10.266,
339.515


 82, 10.266,
339.515

 42, 10.266,
339.515

 92, 10.266,
339.515

 32, 10.266,
339.515

 22, 10.266,
339.515

 12, 10.266,
339.515

 2, 10.266, 339.515

 0, 10.266, 339.515

62, 10.266,
339.515

62, 10.266,
339.515

58, 18.828,
340.351

67, 1.816, 338.618

53, 27.376,
341.255

71, 6.437, 158.145

49, 35.708,
342.256

76, 14.453,
157.468

46, 43.538,
343.386

80, 22.217,
156.854

43, 50.495,
344.694

85, 29.725,
156.284

40, 56.162,
346.247

90, 36.986,
155.752


38, 60.155,
348.141


93, 41.486,
156.270

36, 62.260,

93, 39.131,
159.790

350.491

 94, 36.906,
163.726

 36, 63.010,
352.605

Harmonies

Complementary

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



62, 10.266, 339.515



66, 10.165, 157.737

Rectangle

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



62, 10.266, 339.515



62, 10.266, 29.515



62, 10.266, 159.515



62, 10.266, 209.515

Sweetspot

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



62, 10.264, 339.518



83, 4.154, 338.839



61, 11.705, 306.108



44, 2.949, 338.907



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, 10.264, 339.518



77, 15.732, 339.771



62, 7.985, 12.116



32, 4.730, 339.282



31, 57.680, 352.260



1, 7.013, 341.351

Inverse Universe

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



62, 10.264, 339.518



77, 15.732, 339.771



66, 7.508, 190.289



32, 4.730, 339.282



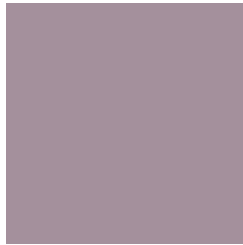
31, 57.680, 352.260



1, 7.013, 341.351

Previews

White Background



This preview shows how the CIELCh color 62, 10.266, 339.515 looks on a white background.

Color Contrast Check

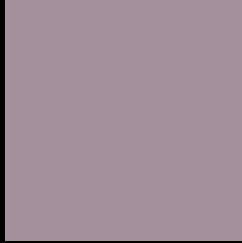
Large Text (above 18pt) WCAG AA × Fail

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, 10.266, 339.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

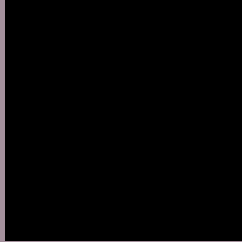
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 10.266, 339.515

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.266, 339.515.



This preview shows how white text looks on a background with the CIELCh color 62, 10.266, 339.515.

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, 10.266, 339.515

Protanopia

62, 5.635, 294.627

Deuteranopia

62, 9.027, 337.218



Tritanopia
62, 10.266, 339.515

Trichromacy



Original Color
62, 10.266, 339.515

Protanomaly
62, 6.923, 316.854

Deuteranomaly
62, 9.313, 338.898

Tritanomaly
62, 10.266, 339.515

Monochromacy



Original Color
62, 10.266, 339.515

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.187, 337.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.266, 339.515 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(164, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 156)  
}
```

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(164, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.266, 339.515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

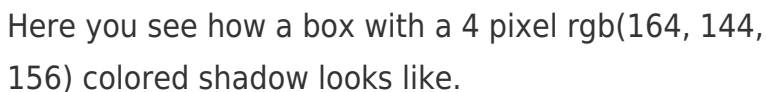
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 144, 156) }
```

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

```
.border{ border-color:rgb(164, 144, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.266, 339.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 156) }
```

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

```
.background{ background-color: rgb(164,  
144, 156) }
```

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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