

Converting Colors

CIELCh(62, 12.381, 296.613)

Have a look what the booklet for
CIELCh(62, 12.381, 296.613)
contains.

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Color

CIELCh(62, 12.439, 296.585)

Conversions

Conversions Part 1

Format	Color
Hex	9693A9
RGB	150, 147, 169
RGB Percent	59%, 58%, 66%
CMY	0.4101, 0.4219, 0.3356
CMYK	0.11, 0.13, 0.00, 0.34
HSL	248°, 11%, 62%
HSV	248°, 13%, 66%
XYZ	30.3560, 30.4025, 42.0159
YIQ	150.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

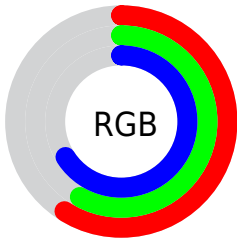
Format	Color
R_{YB}	150, 147, 169
Decimal	9868201
CIE _{Lab}	62.00, 5.57, -11.12
CIE _{LCh}	62, 12.439, 296.585
Yxy	30.4025, 0.2954, 0.2958
Android (android.graphics.Color)	4288058281 (0xFF9693A9)
YUV	150.4050, 9.1673, -0.3552
Hunter-Lab	55.1385, 1.7791, -6.5824

Details

The CIELCh color **62, 12.439, 296.585** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 12.089, 114.556**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.275, 296.140**, and **42, 12.148, 295.586** is the 20% darker color. If you saturate the color by 10%, you get **56, 22.445, 297.544**, and if you desaturate by 10%, it is **68, 2.814, 295.756**.

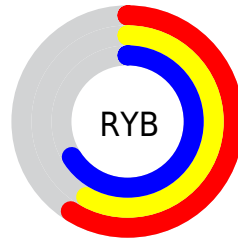
Distribution



Red (59%)

Green (58%)

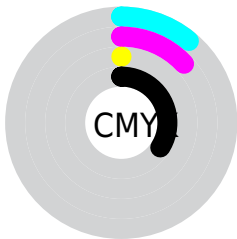
Blue (66%)



Red (59%)

Yellow (58%)

Blue (66%)

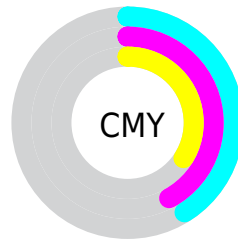


Cyan (11%)

Magenta (13%)

Yellow (0%)

Black (34%)



Cyan (41%)

Magenta (42%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.439, 296.585 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, 12.439, 296.585 by changing the saturation by 10% instead.

■ 62, 12.439,
296.585

■ 62, 12.439,
296.585

■ 100, 12.439,
296.585

■ 52, 12.439,
296.585

■ 82, 12.439,
296.585

■ 42, 12.439,
296.585

■ 92, 12.439,
296.585

■ 32, 12.439,
296.585

■ 22, 12.439,
296.585

■ 12, 12.439,
296.585

■ 2, 12.439, 296.585

■ 0, 12.439, 296.585

62, 12.439,
296.585

62, 12.439,
296.585

56, 22.445,
297.544

68, 2.814, 295.756

51, 32.849,
298.653

73, 6.447, 115.037

45, 43.643,
299.916

79, 15.371,
114.426

39, 54.759,
301.320

85, 23.978,
113.900

34, 66.003,
302.819

90, 32.291,
113.448

29, 76.926,
304.304

96, 40.329,
113.059

25, 86.661,
305.590

98, 42.821,
108.029

22, 93.924,

98, 42.810,
106.908

306.425

■ 20, 97.651,
306.837

Harmonies

Complementary

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



62, 12.439, 296.585



69, 12.089, 114.556

Rectangle

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



62, 12.439, 296.585



62, 12.439, 346.585



62, 12.439, 116.585



62, 12.439, 166.585

Sweetspot

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



62, 12.437, 296.582



85, 4.651, 295.838



67, 7.111, 212.111



44, 3.304, 295.895



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 12.437, 296.582



76, 19.018, 296.883



63, 13.438, 314.111



33, 5.352, 296.260



17, 88.289, 306.896



1, 9.600, 294.785

Inverse Universe

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



64, 13.536, 329.142



79, 20.599, 329.342



68, 13.270, 133.048



33, 5.853, 328.916



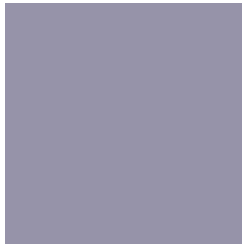
34, 69.324, 334.400



2, 10.274, 329.941

Previews

White Background



This preview shows how the CIELCh color 62, 12.439, 296.585 looks on a white background.

Color Contrast Check

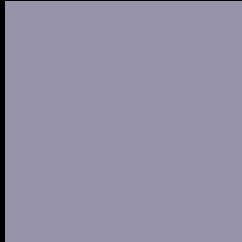
Large Text (above 18pt) WCAG AA × Fail

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, 12.439, 296.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

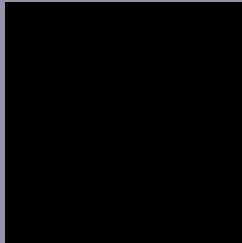
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

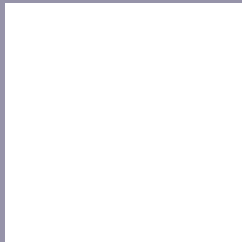
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.439, 296.585

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.439, 296.585.



This preview shows how white text looks on a background with the CIELCh color 62, 12.439, 296.585.

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, 12.439, 296.585

Protanopia

62, 11.817, 286.195

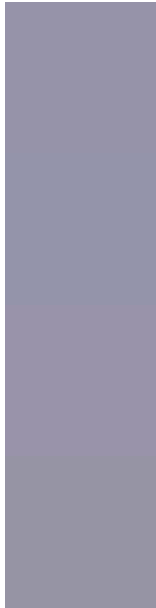
Deuteranopia

62, 13.943, 305.333



Tritanopia
62, 6.739, 290.924

Trichromacy



Original Color
62, 12.439, 296.585

Protanomaly
62, 12.361, 291.531

Deuteranomaly
62, 13.148, 301.193

Tritanomaly
62, 9.034, 295.873

Monochromacy



Original Color
62, 12.439, 296.585

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.511, 295.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.439, 296.585 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(150, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(150, 147, 169)  
}
```

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(150, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 147, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.439, 296.585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

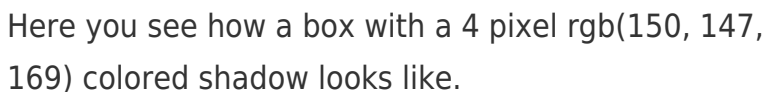
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 147, 169) }
```

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

```
.border{ border-color:rgb(150, 147, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 147, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 147, 169); box-shadow:4px 4px 4px 4px rgb(150, 147, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.439, 296.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 147, 169) }
```

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

```
.background{ background-color: rgb(150,  
147, 169) }
```

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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