

Converting Colors

CIELCh(62, 6.389, 290.242)

Have a look what the booklet for
CIELCh(62, 6.389, 290.242) contains.

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Color

CIELCh(62, 6.178, 290.864)

Conversions

Conversions Part 1

Format	Color
Hex	9595A0
RGB	149, 149, 160
RGB Percent	58%, 58%, 63%
CMY	0.4159, 0.4158, 0.3727
CMYK	0.07, 0.07, 0.00, 0.37
HSL	240°, 5%, 61%
HSV	240°, 7%, 63%
XYZ	29.4678, 30.4025, 37.5518
YIQ	150.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

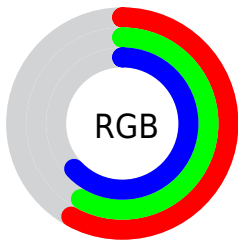
Format	Color
RYB	149, 149, 160
Decimal	9803168
CIELab	62.00, 2.20, -5.77
CIELCh	62, 6.178, 290.864
Yxy	30.4025, 0.3025, 0.3121
Android (android.graphics.Color)	4287993248 (0xFF9595A0)
YUV	150.2540, 4.8048, -1.0998
Hunter-Lab	55.1385, -1.0963, -1.7823

Details

The CIELCh color $62, 6.178, 290.864$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.073, 109.515$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 6.367, 290.745$, and $42, 6.657, 291.166$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.453, 291.982$, and if you desaturate by 10%, it is $68, 2.740, 109.865$.

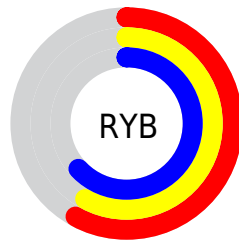
Distribution



Red (58%)

Green (58%)

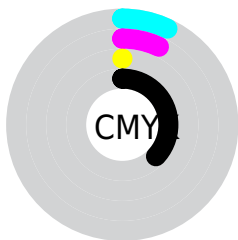
Blue (63%)



Red (58%)

Yellow (58%)

Blue (63%)

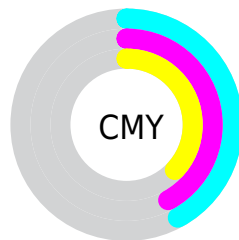


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.178, 290.864 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, 6.178, 290.864 by changing the saturation by 10% instead.

■ 62, 6.178, 290.864

■ 62, 6.178, 290.864

■ 100, 6.178,
290.864

■ 52, 6.178, 290.864

■ 82, 6.178, 290.864

■ 42, 6.178, 290.864

■ 92, 6.178, 290.864

■ 32, 6.178, 290.864

■ 22, 6.178, 290.864

■ 12, 6.178, 290.864

■ 2, 6.178, 290.864

■ 0, 6.178, 290.864

■ 62, 6.178, 290.864

■ 62, 6.178, 290.864

■ 56, 15.453,

■ 68, 2.740, 109.865

291.982

73, 11.325,
109.061

51, 25.117,
293.311

79, 19.602,
108.363

45, 35.194,
294.866

84, 27.592,
107.763

40, 45.686,
296.662

89, 35.315,
107.245

34, 56.529,
298.682

95, 42.789,
106.797

29, 67.486,
300.845

98, 47.382,
106.555

24, 77.957,
302.970

21, 86.791,
304.763

19, 92.729,
305.952

Harmonies

Complementary

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



62, 6.178, 290.864



66, 6.073, 109.515

Rectangle

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



62, 6.178, 290.864



62, 6.178, 340.864



62, 6.178, 110.864



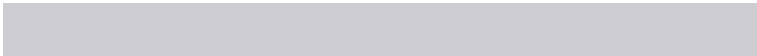
62, 6.178, 160.864

Sweetspot

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



62, 6.177, 290.856



82, 2.221, 290.392



65, 4.128, 197.731



43, 1.260, 290.383



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, 6.177, 290.856



78, 8.959, 290.989



62, 6.517, 308.772



30, 5.053, 291.104



15, 86.886, 306.284



0, 6.504, 290.169

Inverse Universe

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



63, 4.300, 19.696



79, 6.253, 19.797



65, 6.444, 128.200



31, 3.534, 19.882



29, 67.084, 39.153



1, 4.473, 19.388

Previews

White Background



This preview shows how the CIELCh color 62, 6.178, 290.864 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, 6.178, 290.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

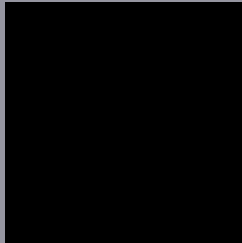
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

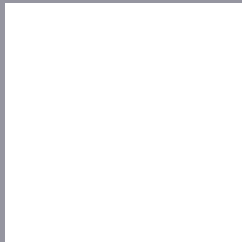
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 6.178, 290.864

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.178, 290.864.

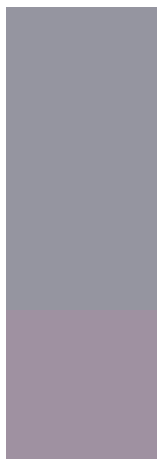


This preview shows how white text looks on a background with the CIELCh color 62, 6.178, 290.864.

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, 6.178, 290.864

Protanopia

62, 6.178, 290.864

Deuteranopia

62, 10.488, 321.446



Tritanopia
62, 6.739, 290.924

Trichromacy



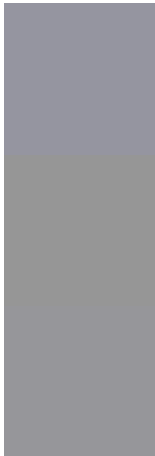
Original Color
62, 6.178, 290.864

Protanomaly
62, 6.178, 290.864

Deuteranomaly
62, 9.134, 312.852

Tritanomaly
62, 6.739, 290.924

Monochromacy



Original Color
62, 6.178, 290.864

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.249, 290.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.178, 290.864 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(149, 149, 160)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 160)  
}
```

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(149, 149, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.178, 290.864 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(149, 149, 160) }
```

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

```
.border{ border-color:rgb(149, 149, 160) }
```

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

Here you see how a box with a 4 pixel rgb(149, 149, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 160);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.178, 290.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 160) }
```

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

```
.background{ background-color: rgb(149,  
149, 160) }
```

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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