

Converting Colors

CIELCh(62, 28.204, 285.886)

Have a look what the booklet for
CIELCh(62, 28.204, 285.886)
contains.

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Color

CIELCh(62, 28.171, 285.860)

Conversions

Conversions Part 1

Format	Color
Hex	8994C6
RGB	137, 148, 198
RGB Percent	54%, 58%, 78%
CMY	0.4643, 0.4211, 0.2251
CMYK	0.31, 0.25, 0.00, 0.23
HSL	229°, 35%, 66%
HSV	229°, 31%, 77%
XYZ	30.9276, 30.4025, 57.4174
YIQ	150.4110, -22.6060, 13.2180

Conversions

Conversions Part 2

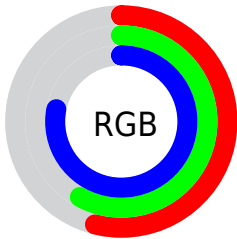
Format	Color
RYB	137, 146, 198
Decimal	9016518
CIELab	62.00, 7.70, -27.10
CIElCh	62, 28.171, 285.860
Yxy	30.4025, 0.2604, 0.2560
Android (android.graphics.Color)	4287206598 (0xFF8994C6)
YUV	150.4110, 23.4614, -11.7614
Hunter-Lab	55.1385, 3.6297, -23.1436

Details

The CIELCh color **62, 28.171, 285.860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 27.040, 98.021**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.190, 286.059**, and **42, 27.913, 285.359** is the 20% darker color. If you saturate the color by 10%, you get **56, 37.925, 287.757**, and if you desaturate by 10%, it is **68, 18.742, 284.235**.

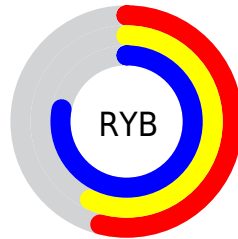
Distribution



Red (54%)

Green (58%)

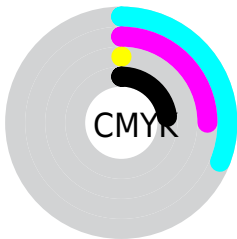
Blue (78%)



Red (54%)

Yellow (57%)

Blue (78%)

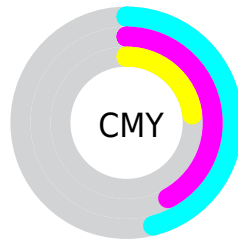


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (46%)


Magenta (42%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 28.171, 285.860 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, 28.171, 285.860 by changing the saturation by 10% instead.

 62, 28.171,
285.860


 62, 28.171,
285.860


 100, 28.171,
285.860


 52, 28.171,
285.860


 82, 28.171,
285.860

 42, 28.171,
285.860

 92, 28.171,
285.860

 32, 28.171,
285.860

 22, 28.171,
285.860

 12, 28.171,
285.860

 2, 28.171, 285.860

 0, 28.171, 285.860

62, 28.171,
285.860

62, 28.171,
285.860

56, 37.925,
287.757

68, 18.742,
284.235

51, 48.035,
289.956

74, 9.614, 282.850

79, 0.761, 281.834

45, 58.511,
292.460

85, 7.835, 100.599

40, 69.298,
295.225

91, 16.188, 99.722

35, 80.172,
298.127

96, 24.302, 99.100

31, 90.587,
300.947

99, 28.935,
107.979

28, 98.937,
303.158

Harmonies

Complementary

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



62, 28.171, 285.860



76, 27.040, 98.021

Rectangle

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



62, 28.171, 285.860



62, 28.171, 335.860



62, 28.171, 105.860



62, 28.171, 155.860

Sweetspot

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



62, 28.170, 285.859



94, 9.774, 282.634



75, 21.960, 181.728



49, 6.806, 282.819



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 28.170, 285.859



74, 42.004, 287.098



61, 35.161, 304.459



39, 5.035, 282.665



22, 84.876, 302.818



2, 18.820, 286.636

Inverse Universe

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



63, 25.120, 8.173



76, 37.551, 9.228



77, 33.097, 120.688



39, 4.394, 5.542



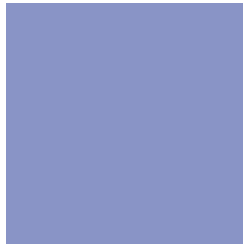
34, 67.074, 30.335



3, 16.130, 10.135

Previews

White Background



This preview shows how the CIELCh color 62, 28.171, 285.860 looks on a white background.

Color Contrast Check

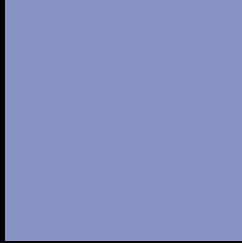
Large Text (above 18pt) WCAG AA × Fail

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, 28.171, 285.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

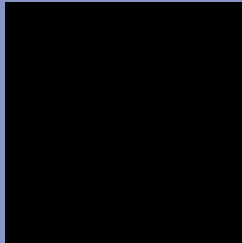
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.171, 285.860

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.171, 285.860.



This preview shows how white text looks on a background with the CIELCh color 62, 28.171, 285.860.

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, 28.171, 285.860

Protanopia

62, 28.204, 285.220

Deuteranopia

62, 28.700, 287.369



Tritanopia
62, 10.715, 237.913

Trichromacy



Original Color
62, 28.171, 285.860

Protanomaly
62, 28.204, 285.220

Deuteranomaly
62, 28.727, 286.735

Tritanomaly
62, 15.424, 265.031

Monochromacy



Original Color
62, 28.171, 285.860

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.183, 283.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.171, 285.860 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(137, 148, 198)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 198)  
}
```

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(137, 148, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.171, 285.860 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(137, 148, 198) }
```

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

```
.border{ border-color:rgb(137, 148, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 148, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.171, 285.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 198) }
```

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

```
.background{ background-color: rgb(137,  
148, 198) }
```

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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