

Converting Colors

CIELCh(62, 18.258, 280.123)

Have a look what the booklet for
CIELCh(62, 18.258, 280.123)
contains.

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Color

CIELCh(62, 18.258, 280.123)

Conversions

Conversions Part 1

Format	Color
Hex	8A95B5
RGB	138, 149, 181
RGB Percent	54%, 58%, 71%
CMY	0.4573, 0.4142, 0.2887
CMYK	0.24, 0.18, 0.00, 0.29
HSL	225°, 23%, 63%
HSV	225°, 24%, 71%
XYZ	29.7321, 30.4025, 48.2290
YIQ	149.3590, -16.8280, 7.6200

Conversions

Conversions Part 2

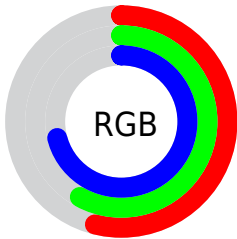
Format	Color
R _Y B	138, 147, 181
Decimal	9082293
CIE Lab	62.00, 3.21, -17.97
CIE LCh	62, 18.258, 280.123
Yxy	30.4025, 0.2744, 0.2806
Android (android.graphics.Color)	4287272373 (0xFF8A95B5)
YUV	149.3590, 15.5990, -9.9618
Hunter-Lab	55.1385, -0.2407, -13.2633

Details

The CIELCh color **62, 18.258, 280.123** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70, 17.993, 93.995**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 18.311, 280.160**, and **42, 18.434, 280.582** is the 20% darker color. If you saturate the color by 10%, you get **57, 26.284, 281.895**, and if you desaturate by 10%, it is **67, 10.433, 278.605**.

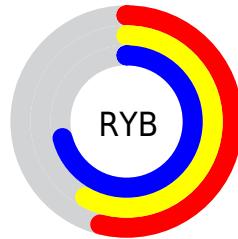
Distribution



Red (54%)

Green (58%)

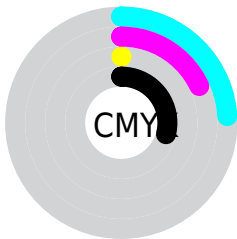
Blue (71%)



Red (54%)

Yellow (58%)

Blue (71%)

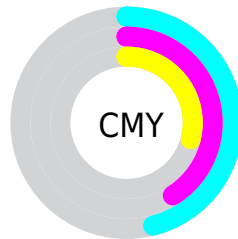


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (46%)


Magenta (41%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.258, 280.123 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, 18.258, 280.123 by changing the saturation by 10% instead.


 62, 18.258,
280.123


 62, 18.258,
280.123


 100, 18.258,
280.123


 52, 18.258,
280.123


 82, 18.258,
280.123

 42, 18.258,
280.123

 92, 18.258,
280.123

 32, 18.258,
280.123

 22, 18.258,
280.123

 12, 18.258,
280.123

 2, 18.258, 280.123

 0, 18.258, 280.123

62, 18.258,
280.123

62, 18.258,
280.123

57, 26.284,
281.895

67, 10.433,
278.605

52, 34.536,
283.963

72, 2.798, 277.344

77, 4.659, 96.115

47, 43.038,
286.357

82, 11.945, 95.161

42, 51.815,
289.083

87, 19.066, 94.314

38, 60.861,
292.104

92, 26.026, 93.568

96, 32.002, 99.939

34, 70.083,
295.311

98, 36.960,
107.360

30, 79.197,
298.510

28, 84.668,

Harmonies

Complementary

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



62, 18.258, 280.123



70, 17.993, 93.995

Rectangle

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



62, 18.258, 280.123



62, 18.258, 330.123



62, 18.258, 100.123



62, 18.258, 150.123

Sweetspot

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



62, 18.257, 280.121



89, 6.517, 277.737



71, 16.809, 176.085



47, 4.234, 277.809



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 18.257, 280.121



76, 26.727, 280.929



60, 24.684, 301.013



36, 4.332, 278.018



23, 74.710, 299.955



2, 12.584, 281.288

Inverse Universe

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



62, 18.085, 1.569



76, 26.550, 2.198



72, 23.494, 117.758



36, 4.232, 359.914



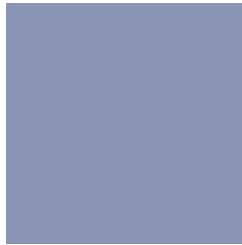
32, 61.714, 24.158



2, 11.062, 4.245

Previews

White Background



This preview shows how the CIELCh color 62, 18.258, 280.123 looks on a white background.

Color Contrast Check

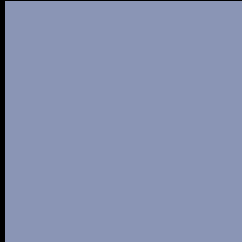
Large Text (above 18pt) WCAG AA × Fail

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, 18.258, 280.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

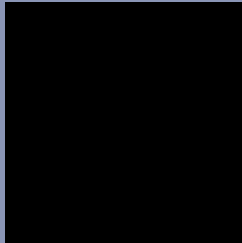
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

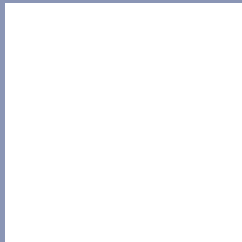
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 18.258, 280.123

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.258, 280.123.



This preview shows how white text looks on a background with the CIELCh color 62, 18.258, 280.123.

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

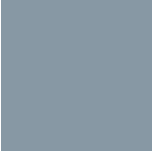
62, 18.258, 280.123

Protanopia

62, 18.574, 286.811

Deuteranopia

62, 20.275, 294.351



Tritanopia
62, 8.992, 247.752

Trichromacy



Original Color
62, 18.258, 280.123

Protanomaly
62, 18.101, 283.297

Deuteranomaly
62, 19.669, 290.284

Tritanomaly
62, 11.787, 264.397

Monochromacy



Original Color
62, 18.258, 280.123

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.322, 277.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.258, 280.123 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(138, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 181)  
}
```

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(138, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.258, 280.123 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(138, 149, 181) }
```

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

```
.border{ border-color:rgb(138, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.258, 280.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 181) }
```

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

```
.background{ background-color: rgb(138,  
149, 181) }
```

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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