

Converting Colors

CIELCh(62, 7.021, 280.255)

Have a look what the booklet for
CIELCh(62, 7.021, 280.255) contains.

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Color

CIELCh(62, 6.867, 278.458)

Conversions

Conversions Part 1

Format	Color
Hex	9296A2
RGB	146, 150, 162
RGB Percent	57%, 59%, 64%
CMY	0.4286, 0.4129, 0.3659
CMYK	0.10, 0.07, 0.00, 0.37
HSL	225°, 8%, 60%
HSV	225°, 10%, 63%
XYZ	29.1579, 30.4025, 38.3766
YIQ	150.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

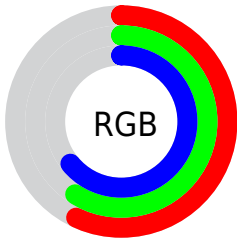
Format	Color
RYB	146, 149, 162
Decimal	9606818
CIELab	62.00, 1.01, -6.79
CIElCh	62, 6.867, 278.458
Yxy	30.4025, 0.2977, 0.3104
Android (android.graphics.Color)	4287796898 (0xFF9296A2)
YUV	150.1720, 5.8312, -3.6588
Hunter-Lab	55.1385, -2.0994, -2.6691

Details

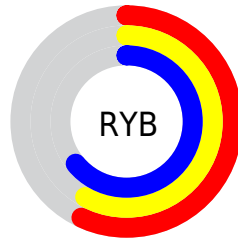
The CIELCh color $62, 6.867, 278.458$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 6.813, 96.056$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.010, 279.177$, and $42, 6.800, 277.775$ is the 20% darker color. If you saturate the color by 10%, you get $57, 13.969, 279.852$, and if you desaturate by 10%, it is $67, 0.067, 94.818$.

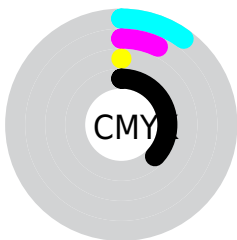
Distribution



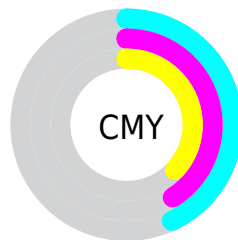
- Red (57%)
- Green (59%)
- Blue (64%)



- Red (57%)
- Yellow (58%)
- Blue (64%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 6.867, 278.458 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, 6.867, 278.458 by changing the saturation by 10% instead.

■ 62, 6.867, 278.458

■ 62, 6.867, 278.458

■ 100, 6.867,
278.458

■ 52, 6.867, 278.458

■ 82, 6.867, 278.458

■ 42, 6.867, 278.458

■ 92, 6.867, 278.458

■ 32, 6.867, 278.458

■ 22, 6.867, 278.458

■ 12, 6.867, 278.458

■ 2, 6.867, 278.458

■ 0, 6.867, 278.458

■ 62, 6.867, 278.458

■ 62, 6.867, 278.458

■ 57, 13.969,

■ 67, 0.067, 94.818

279.852

71, 6.837, 96.130

53, 21.256,
281.497

76, 13.451, 95.225

48, 28.742,
283.416

80, 19.914, 94.426

44, 36.450,
285.642

85, 26.231, 93.722

39, 44.405,
288.193

93, 38.052, 94.823

35, 52.614,
291.053

96, 42.897,
102.446

31, 61.032,
294.150

98, 46.542,
106.620

27, 69.480,
297.327

24, 77.595,
300.262

Harmonies

Complementary

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



62, 6.867, 278.458



65, 6.813, 96.056

Rectangle

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



62, 6.867, 278.458



62, 6.867, 328.458



62, 6.867, 98.458



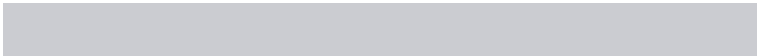
62, 6.867, 148.458

Sweetspot

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



62, 6.866, 278.449



82, 2.553, 277.649



65, 6.495, 177.484



43, 1.932, 277.726



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, 6.866, 278.449



77, 10.295, 278.755



61, 9.140, 299.922



32, 3.953, 278.370



21, 71.212, 300.009



1, 6.253, 278.760

Inverse Universe

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



62, 6.653, 0.370



77, 10.002, 0.620



66, 8.954, 118.658



32, 3.828, 0.304



30, 58.767, 24.265



1, 5.776, 1.240

Previews

White Background



This preview shows how the CIELCh color 62, 6.867, 278.458 looks on a white background.

Color Contrast Check

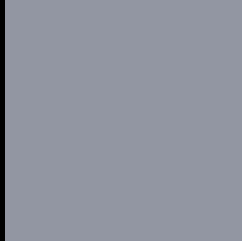
Large Text (above 18pt) WCAG AA × Fail

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, 6.867, 278.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

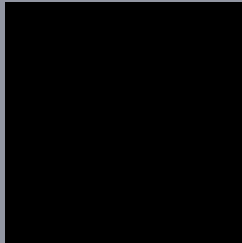
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

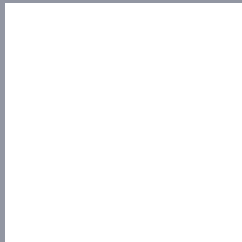
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 6.867, 278.458

Background



This preview shows how black text looks on a background with the CIELCh color 62, 6.867, 278.458.

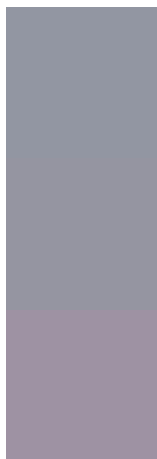


This preview shows how white text looks on a background with the CIELCh color 62, 6.867, 278.458.

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

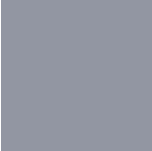
62, 6.867, 278.458

Protanopia

62, 6.739, 290.924

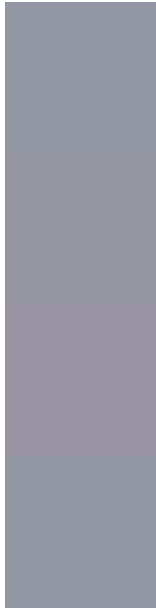
Deuteranopia

62, 10.614, 316.334



Tritanopia
62, 6.867, 278.458

Trichromacy



Original Color
62, 6.867, 278.458

Protanomaly
62, 6.744, 287.758

Deuteranomaly
62, 9.403, 307.310

Tritanomaly
62, 6.867, 278.458

Monochromacy



Original Color
62, 6.867, 278.458

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.362, 271.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 6.867, 278.458 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(146, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 162)  
}
```

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(146, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 6.867, 278.458 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(146, 150, 162) }
```

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

```
.border{ border-color:rgb(146, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 6.867, 278.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 162) }
```

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

```
.background{ background-color: rgb(146,  
150, 162) }
```

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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