

Converting Colors

CIELCh(62, 7.210, 281.564)

Have a look what the booklet for
CIELCh(62, 7.210, 281.564) contains.

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Color

CIELCh(62, 7.366, 282.309)

Conversions

Conversions Part 1

Format	Color
Hex	9295A2
RGB	146, 149, 162
RGB Percent	57%, 58%, 64%
CMY	0.4258, 0.4140, 0.3630
CMYK	0.10, 0.08, 0.00, 0.36
HSL	229°, 8%, 61%
HSV	229°, 10%, 64%
XYZ	29.3035, 30.4025, 38.7071
YIQ	149.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

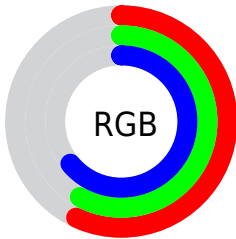
Format	Color
R_{YB}	146, 149, 162
Decimal	9606562
CIE _{Lab}	62.00, 1.57, -7.20
CIE _{LCh}	62, 7.366, 282.309
Yxy	30.4025, 0.2978, 0.3089
Android (android.graphics.Color)	4287796642 (0xFF9295A2)
YUV	149.5850, 6.1206, -3.1440
Hunter-Lab	55.1385, -1.6281, -3.0245

Details

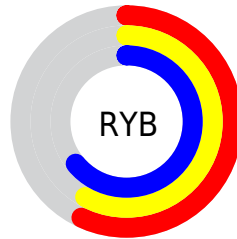
The CIELCh color $62, 7.366, 282.309$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.273, 100.037$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.484, 282.709$, and $42, 7.335, 281.999$ is the 20% darker color. If you saturate the color by 10%, you get $57, 15.052, 283.645$, and if you desaturate by 10%, it is $67, 0.098, 99.812$.

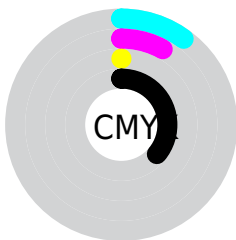
Distribution



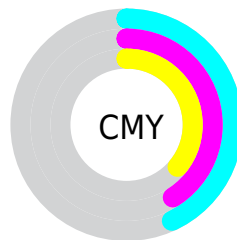
- Red (57%)
- Green (58%)
- Blue (64%)



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



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (41%)
- Yellow (36%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.366, 282.309 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, 7.366, 282.309 by changing the saturation by 10% instead.

■ 62, 7.366, 282.309

■ 62, 7.366, 282.309

■ 100, 7.366,
282.309

■ 52, 7.366, 282.309

■ 82, 7.366, 282.309

■ 42, 7.366, 282.309

■ 92, 7.366, 282.309

■ 32, 7.366, 282.309

■ 22, 7.366, 282.309

■ 12, 7.366, 282.309

■ 2, 7.366, 282.309

■ 0, 7.366, 282.309

■ 62, 7.366, 282.309


■ 62, 7.366, 282.309

■ 57, 15.052,

■ 67, 0.098, 99.812

283.645

 72, 7.352, 100.101

 52, 22.981,
285.221

 76, 14.408, 99.239

 47, 31.175,
287.058


 81, 21.275, 98.483

 43, 39.657,
289.187


 86, 27.963, 97.819

 38, 48.442,
291.617


 95, 40.495, 99.560


 33, 57.505,
294.318

 98, 46.190,
106.644

 29, 66.710,
297.192

 98, 46.193,
106.647

 25, 75.696,
300.052

 22, 83.826,
302.558

Harmonies

Complementary

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



62, 7.366, 282.309



66, 7.273, 100.037

Rectangle

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



62, 7.366, 282.309



62, 7.366, 332.309



62, 7.366, 102.309



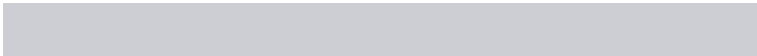
62, 7.366, 152.309

Sweetspot

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



62, 7.365, 282.301



83, 2.760, 281.531



65, 6.279, 182.459



44, 2.110, 281.609



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 7.365, 282.301



78, 11.160, 282.600



62, 9.213, 302.372



32, 4.240, 282.229



19, 76.750, 302.346



1, 6.649, 282.152

Inverse Universe

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



62, 6.496, 5.034



78, 9.873, 5.285



66, 9.038, 121.256



32, 3.737, 4.972



30, 61.018, 29.238



1, 5.646, 5.567

Previews

White Background



This preview shows how the CIELCh color 62, 7.366, 282.309 looks on a white background.

Color Contrast Check

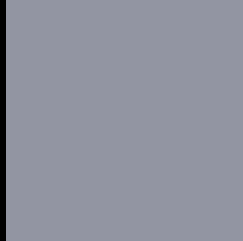
Large Text (above 18pt) WCAG AA × Fail

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, 7.366, 282.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

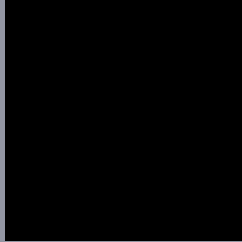
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

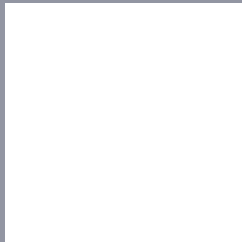
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 7.366, 282.309

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.366, 282.309.

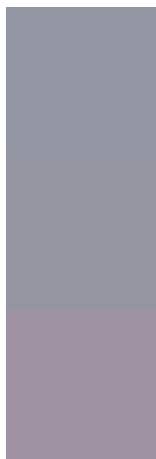


This preview shows how white text looks on a background with the CIELCh color 62, 7.366, 282.309.

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

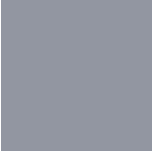
62, 7.366, 282.309

Protanopia

62, 7.300, 290.985

Deuteranopia

62, 10.614, 316.334



Tritanopia
62, 6.322, 277.265

Trichromacy



Original Color
62, 7.366, 282.309

Protanomaly
62, 7.304, 288.069

Deuteranomaly
62, 9.403, 307.310

Tritanomaly
62, 6.867, 278.458

Monochromacy



Original Color
62, 7.366, 282.309

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.829, 282.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.366, 282.309 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, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 149, 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, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.366, 282.309 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, 149, 162) }
```

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

```
.border{ border-color:rgb(146, 149, 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, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.366, 282.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 149, 162) }
```

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

```
.background{ background-color: rgb(146,  
149, 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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