

Converting Colors

CIELCh(62, 13.482, 290.121)

Have a look what the booklet for
CIELCh(62, 13.482, 290.121)
contains.

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Color

CIELCh(62, 13.482, 290.121)

Conversions

Conversions Part 1

Format	Color
Hex	9394AC
RGB	147, 148, 172
RGB Percent	58%, 58%, 67%
CMY	0.4232, 0.4192, 0.3251
CMYK	0.15, 0.14, 0.00, 0.33
HSL	238°, 13%, 63%
HSV	238°, 15%, 67%
XYZ	30.1091, 30.4025, 43.3590
YIQ	150.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

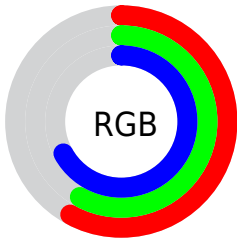
Format	Color
R _Y B	147, 148, 172
Decimal	9671852
CIE Lab	62.00, 4.64, -12.66
CIE LCh	62, 13.482, 290.121
Yxy	30.4025, 0.2899, 0.2927
Android (android.graphics.Color)	4287861932 (0xFF9394AC)
YUV	150.4370, 10.6306, -3.0142
Hunter-Lab	55.1385, 0.9800, -8.0267

Details

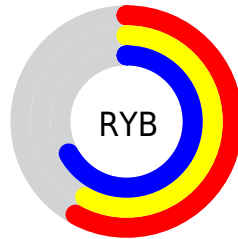
The CIELCh color $62, 13.482, 290.121$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 13.082, 107.105$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 13.263, 289.845$, and $42, 13.924, 290.663$ is the 20% darker color. If you saturate the color by 10%, you get $56, 23.207, 291.438$, and if you desaturate by 10%, it is $68, 4.128, 289.005$.

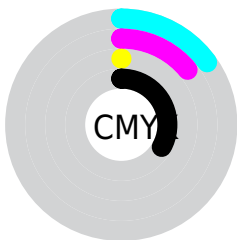
Distribution



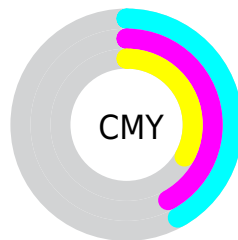
- Red (58%)
- Green (58%)
- Blue (67%)



- Red (58%)
- Yellow (58%)
- Blue (67%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)





- Cyan (42%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.482, 290.121 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, 13.482, 290.121 by changing the saturation by 10% instead.


 62, 13.482,
290.121


 62, 13.482,
290.121


 100, 13.482,
290.121


 52, 13.482,
290.121


 82, 13.482,
290.121

 42, 13.482,
290.121

 92, 13.482,
290.121

 32, 13.482,
290.121

 22, 13.482,
290.121

 12, 13.482,
290.121

 2, 13.482, 290.121

 0, 13.482, 290.121

62, 13.482,
290.121

62, 13.482,
290.121

56, 23.207,
291.438

68, 4.128, 289.005

50, 33.337,
292.986

74, 4.879, 108.013

45, 43.888,
294.785

79, 13.566,
107.203

39, 54.840,
296.836

85, 21.956,
106.501

34, 66.059,
299.089

90, 30.069,
105.895

29, 77.148,
301.410

96, 37.921,
105.370

25, 87.235,
303.556

98, 41.514,
107.008

22, 94.928,

305.203

■ 21, 97.776,
305.763

Harmonies

Complementary

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



62, 13.482, 290.121



70, 13.082, 107.105

Rectangle

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



62, 13.482, 290.121



62, 13.482, 340.121



62, 13.482, 110.121



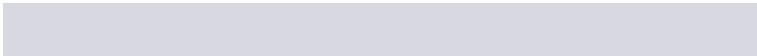
62, 13.482, 160.121

Sweetspot

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



62, 13.481, 290.118



86, 4.523, 288.959



69, 9.135, 194.349



45, 3.213, 289.033



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 13.481, 290.118



77, 19.679, 290.463



63, 14.683, 307.991



34, 5.235, 289.511



17, 88.275, 305.671



1, 10.976, 288.847

Inverse Universe

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



63, 9.927, 17.129



79, 14.559, 17.390



69, 14.367, 126.638



34, 3.819, 16.665



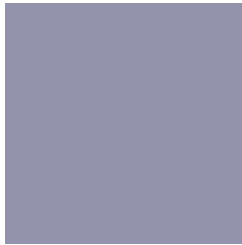
31, 68.531, 37.830



2, 7.815, 16.687

Previews

White Background



This preview shows how the CIELCh color 62, 13.482, 290.121 looks on a white background.

Color Contrast Check

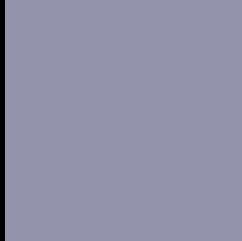
Large Text (above 18pt) WCAG AA × Fail

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, 13.482, 290.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

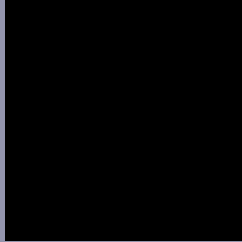
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

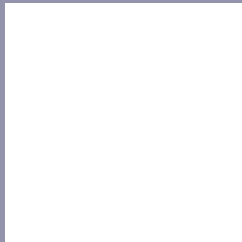
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 13.482, 290.121

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.482, 290.121.



This preview shows how white text looks on a background with the CIELCh color 62, 13.482, 290.121.

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

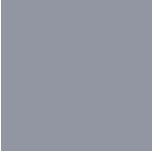
62, 13.482, 290.121

Protanopia

62, 12.932, 286.798

Deuteranopia

62, 15.439, 301.285



Tritanopia
62, 6.948, 275.483

Trichromacy



Original Color
62, 13.482, 290.121

Protanomaly
62, 12.932, 286.798

Deuteranomaly
62, 14.712, 297.409

Tritanomaly
62, 9.588, 284.648

Monochromacy



Original Color
62, 13.482, 290.121

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.050, 290.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.482, 290.121 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(147, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(147, 148, 172)  
}
```

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(147, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 148, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.482, 290.121 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(147, 148, 172) }
```

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

```
.border{ border-color:rgb(147, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(147, 148,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.482, 290.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 148, 172) }
```

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

```
.background{ background-color: rgb(147,  
148, 172) }
```

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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