

Converting Colors

CIELCh(62, 11.955, 289.190)

Have a look what the booklet for
CIELCh(62, 11.955, 289.190)
contains.

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Color

CIELCh(62, 12.360, 289.853)

Conversions

Conversions Part 1

Format	Color
Hex	9394AA
RGB	147, 148, 170
RGB Percent	58%, 58%, 67%
CMY	0.4225, 0.4186, 0.3323
CMYK	0.14, 0.13, 0.00, 0.33
HSL	237°, 12%, 62%
HSV	237°, 14%, 67%
XYZ	29.9926, 30.4025, 42.4516
YIQ	150.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

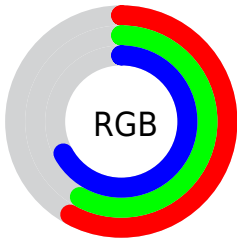
Format	Color
R_{YB}	147, 148, 170
Decimal	9671850
CIE _{Lab}	62.00, 4.20, -11.63
CIE _{LCh}	62, 12.360, 289.853
Yxy	30.4025, 0.2916, 0.2956
Android (android.graphics.Color)	4287861930 (0xFF9394AA)
YUV	150.2090, 9.7570, -2.8143
Hunter-Lab	55.1385, 0.6027, -7.0509

Details

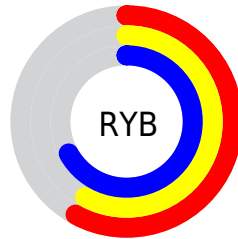
The CIELCh color **62, 12.360, 289.853** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 12.021, 107.055**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.204, 289.618**, and **42, 12.717, 290.330** is the 20% darker color. If you saturate the color by 10%, you get **56, 21.924, 291.149**, and if you desaturate by 10%, it is **68, 3.157, 288.758**.

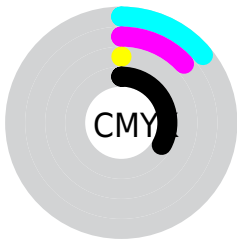
Distribution



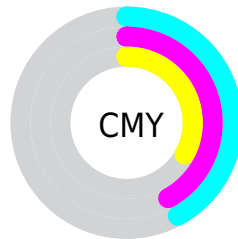
- Red (58%)
- Green (58%)
- Blue (67%)



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



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 12.360, 289.853 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, 12.360, 289.853 by changing the saturation by 10% instead.


 62, 12.360,
289.853


 62, 12.360,
289.853


 100, 12.360,
289.853


 52, 12.360,
289.853


 82, 12.360,
289.853

 42, 12.360,
289.853

 92, 12.360,
289.853

 32, 12.360,
289.853

 22, 12.360,
289.853

 12, 12.360,
289.853

 2, 12.360, 289.853

 0, 12.360, 289.853

62, 12.360,
289.853

62, 12.360,
289.853

56, 21.924,
291.149

68, 3.157, 288.758

51, 31.883,
292.675

73, 5.707, 107.777

45, 42.257,
294.449

79, 14.259,
106.976

39, 53.033,
296.478

85, 22.522,
106.282

34, 64.099,
298.719

90, 30.512,
105.683

29, 75.113,
301.054

96, 38.249,
105.163

25, 85.288,
303.252

98, 42.402,
106.940

22, 93.308,

304.996

■ 20, 96.825,
305.710

Harmonies

Complementary

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



62, 12.360, 289.853



69, 12.021, 107.055

Rectangle

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



62, 12.360, 289.853



62, 12.360, 339.853



62, 12.360, 109.853



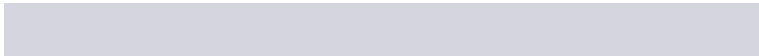
62, 12.360, 159.853

Sweetspot

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



62, 12.359, 289.850



86, 4.465, 288.812



68, 8.444, 194.420



45, 3.202, 288.886



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, 12.359, 289.850



77, 18.247, 290.189



63, 13.516, 307.938



33, 5.088, 289.361



17, 86.970, 305.604



1, 9.201, 288.645

Inverse Universe

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



63, 9.118, 16.758



79, 13.527, 17.017



68, 13.245, 126.688



33, 3.726, 16.382



30, 67.485, 37.604



1, 6.587, 16.290

Previews

White Background



This preview shows how the CIELCh color 62, 12.360, 289.853 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, 12.360, 289.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

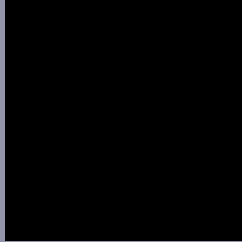
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

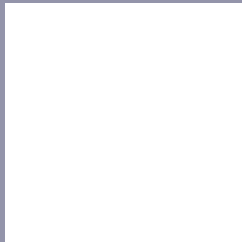
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 12.360, 289.853

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.360, 289.853.



This preview shows how white text looks on a background with the CIELCh color 62, 12.360, 289.853.

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

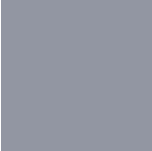
62, 12.360, 289.853

Protanopia

62, 11.817, 286.195

Deuteranopia

62, 14.407, 303.402



Tritanopia
62, 6.867, 278.458

Trichromacy



Original Color
62, 12.360, 289.853

Protanomaly
62, 11.817, 286.195

Deuteranomaly
62, 13.644, 299.316

Tritanomaly
62, 9.031, 284.160

Monochromacy



Original Color
62, 12.360, 289.853

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.495, 290.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.360, 289.853 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(147, 148, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 148, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.360, 289.853 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, 170) }
```

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

```
.border{ border-color:rgb(147, 148, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 148, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 148, 170);  
box-shadow:4px 4px 4px 4px rgb(147, 148,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.360, 289.853 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, 170) }
```

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

```
.background{ background-color: rgb(147,  
148, 170) }
```

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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