

Converting Colors

CIELCh(62, 17.368, 305.064)

Have a look what the booklet for
CIELCh(62, 17.368, 305.064)
contains.

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Color

CIELCh(62, 17.400, 305.220)

Conversions

Conversions Part 1

Format	Color
Hex	9C91AF
RGB	156, 145, 175
RGB Percent	61%, 57%, 69%
CMY	0.3883, 0.4315, 0.3138
CMYK	0.11, 0.17, 0.00, 0.31
HSL	262°, 16%, 63%
HSV	262°, 17%, 69%
XYZ	31.5622, 30.4025, 44.7488
YIQ	151.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

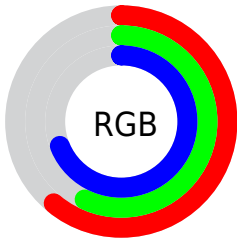
Format	Color
R_{YB}	156, 145, 175
Decimal	10260911
CIE _{Lab}	62.00, 10.03, -14.21
CIE _{LCh}	62, 17.400, 305.220
Yxy	30.4025, 0.2958, 0.2849
Android (android.graphics.Color)	4288450991 (0xFF9C91AF)
YUV	151.7090, 11.4825, 3.7632
Hunter-Lab	55.1385, 5.6839, -9.5211

Details

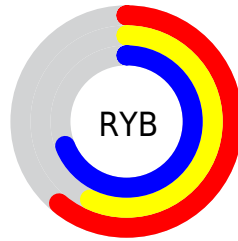
The CIELCh color $62, 17.400, 305.220$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 16.891, 123.403$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 17.557, 305.334$, and $42, 17.435, 305.197$ is the 20% darker color. If you saturate the color by 10%, you get $56, 27.989, 305.859$, and if you desaturate by 10%, it is $68, 7.134, 304.640$.

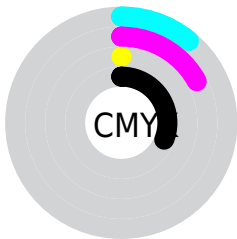
Distribution



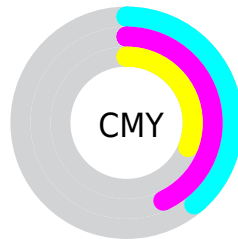
- Red (61%)
- Green (57%)
- Blue (69%)



- Red (61%)
- Yellow (57%)
- Blue (69%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (31%)





- Cyan (39%)
- Magenta (43%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 17.400, 305.220 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, 17.400, 305.220 by changing the saturation by 10% instead.


 62, 17.400,
305.220


 62, 17.400,
305.220


 100, 17.400,
305.220


 52, 17.400,
305.220


 82, 17.400,
305.220

 42, 17.400,
305.220

 92, 17.400,
305.220

 32, 17.400,
305.220

 22, 17.400,
305.220

 12, 17.400,
305.220

 2, 17.400, 305.220

 0, 17.400, 305.220

62, 17.400,
305.220

62, 17.400,
305.220

56, 27.989,
305.859

68, 7.134, 304.640

51, 38.869,
306.558

73, 2.793, 124.166

46, 49.947,
307.300

79, 12.389,
123.702

40, 61.035,
308.050

84, 21.666,
123.311

36, 71.786,
308.746

89, 30.640,
122.974

31, 81.614,
309.287

95, 39.328,
122.683


28, 89.679,
309.534


97, 41.026,
118.657

25, 95.234,

98, 40.333,
112.806

309.376

 98, 40.109,
107.117

 24, 96.671,
309.339

Harmonies

Complementary

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



62, 17.400, 305.220



70, 16.891, 123.403

Rectangle

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



62, 17.400, 305.220



62, 17.400, 355.220



62, 17.400, 125.220



62, 17.400, 175.220

Sweetspot

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



62, 17.398, 305.219



87, 6.152, 304.527



66, 8.960, 239.561



46, 4.235, 304.565



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 17.398, 305.219



76, 26.512, 305.481



63, 19.320, 321.057



34, 5.631, 304.760



20, 86.371, 309.463



1, 11.615, 301.763

Inverse Universe

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



63, 15.631, 338.360



78, 23.712, 338.702



69, 19.201, 139.425



34, 5.093, 337.742



33, 60.091, 349.610



2, 9.972, 341.650

Previews

White Background



This preview shows how the CIELCh color 62, 17.400, 305.220 looks on a white background.

Color Contrast Check

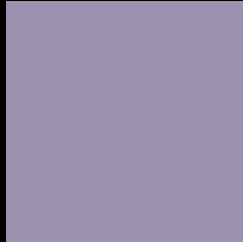
Large Text (above 18pt) WCAG AA × Fail

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, 17.400, 305.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

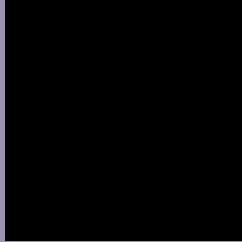
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 17.400, 305.220

Background



This preview shows how black text looks on a background with the CIELCh color 62, 17.400, 305.220.



This preview shows how white text looks on a background with the CIELCh color 62, 17.400, 305.220.

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, 17.400, 305.220

Protanopia

62, 15.772, 285.453

Deuteranopia

62, 16.492, 299.470



Tritanopia
62, 6.488, 307.765

Trichromacy



Original Color
62, 17.400, 305.220

Protanomaly
62, 15.725, 291.887

Deuteranomaly
62, 16.546, 300.714

Tritanomaly
62, 10.484, 305.645

Monochromacy



Original Color
62, 17.400, 305.220

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 6.377, 304.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 17.400, 305.220 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(156, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 175)  
}
```

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(156, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 17.400, 305.220 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(156, 145, 175) }
```

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

```
.border{ border-color:rgb(156, 145, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 175);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 17.400, 305.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 175) }
```

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

```
.background{ background-color: rgb(156,  
145, 175) }
```

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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