

Converting Colors

CIELCh(62, 13.438, 305.300)

Have a look what the booklet for
CIELCh(62, 13.438, 305.300)
contains.

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Color

CIELCh(62, 13.400, 305.882)

Conversions

Conversions Part 1

Format	Color
Hex	9B92A9
RGB	155, 146, 169
RGB Percent	61%, 57%, 66%
CMY	0.3920, 0.4273, 0.3371
CMYK	0.08, 0.14, 0.00, 0.34
HSL	263°, 12%, 62%
HSV	263°, 14%, 66%
XYZ	30.9695, 30.4025, 41.7853
YIQ	151.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

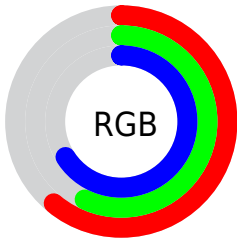
Format	Color
RYB	155, 146, 169
Decimal	10195625
CIELab	62.00, 7.85, -10.86
CIELCh	62, 13.400, 305.882
Yxy	30.4025, 0.3002, 0.2947
Android (android.graphics.Color)	4288385705 (0xFF9B92A9)
YUV	151.3130, 8.7197, 3.2335
Hunter-Lab	55.1385, 3.7653, -6.3345

Details

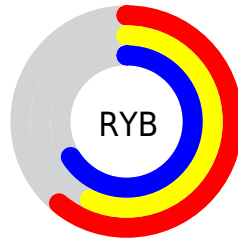
The CIELCh color $62, 13.400, 305.882$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 13.098, 124.519$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 13.267, 306.633$, and $42, 13.137, 305.733$ is the 20% darker color. If you saturate the color by 10%, you get $57, 23.611, 306.469$, and if you desaturate by 10%, it is $67, 3.499, 305.338$.

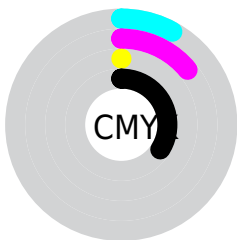
Distribution



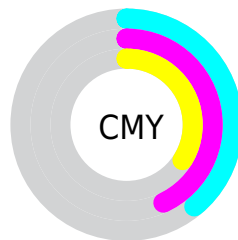
- Red (61%)
- Green (57%)
- Blue (66%)



- Red (61%)
- Yellow (57%)
- Blue (66%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 13.400, 305.882 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, 13.400, 305.882 by changing the saturation by 10% instead.

■ 62, 13.400,
305.882

■ 62, 13.400,
305.882

■ 100, 13.400,
305.882

■ 52, 13.400,
305.882

■ 82, 13.400,
305.882

■ 42, 13.400,
305.882

■ 92, 13.400,
305.882

■ 32, 13.400,
305.882

■ 22, 13.400,
305.882

■ 12, 13.400,
305.882

■ 2, 13.400, 305.882

■ 0, 13.400, 305.882

62, 13.400,
305.882

62, 13.400,
305.882

57, 23.611,
306.469

67, 3.499, 305.338

51, 34.108,
307.113

73, 6.079, 124.904

46, 44.817,
307.798

78, 15.343,
124.486

41, 55.588,
308.498

83, 24.305,
124.127

36, 66.141,
309.161

88, 32.979,
123.815

32, 76.001,
309.704

94, 41.382,
123.546


28, 84.454,
310.008


96, 44.446,
120.837

25, 90.644,

97, 43.600,
115.893

309.930

 98, 43.114,
110.704

 24, 93.744,
309.782

Harmonies

Complementary

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



62, 13.400, 305.882



68, 13.098, 124.519

Rectangle

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



62, 13.400, 305.882



62, 13.400, 355.882



62, 13.400, 125.882



62, 13.400, 175.882

Sweetspot

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



62, 13.398, 305.880



85, 4.800, 305.364



65, 7.032, 243.408



44, 3.409, 305.403



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 13.398, 305.880



77, 19.556, 306.032



63, 15.015, 321.868



33, 5.516, 305.642



20, 84.871, 309.898



1, 9.841, 303.173

Inverse Universe

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



63, 11.825, 339.218



78, 17.223, 339.436



67, 14.952, 140.558



33, 4.883, 338.870



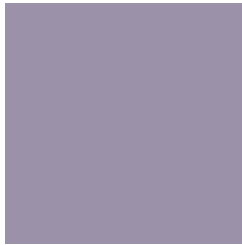
32, 58.639, 351.575



2, 8.358, 342.017

Previews

White Background



This preview shows how the CIELCh color 62, 13.400, 305.882 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, 13.400, 305.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

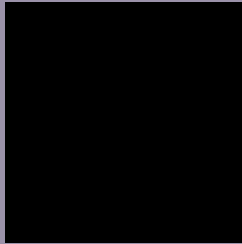
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 13.400, 305.882

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.400, 305.882.



This preview shows how white text looks on a background with the CIELCh color 62, 13.400, 305.882.

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, 13.400, 305.882

Protanopia

62, 12.374, 286.507

Deuteranopia

62, 13.400, 305.882



Tritanopia
62, 6.488, 307.765

Trichromacy



Original Color
62, 13.400, 305.882

Protanomaly
62, 12.372, 293.214

Deuteranomaly
62, 13.400, 305.882

Tritanomaly
62, 9.403, 307.310

Monochromacy



Original Color
62, 13.400, 305.882

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.196, 303.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.400, 305.882 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(155, 146, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 169)  
}
```

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(155, 146, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.400, 305.882 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(155, 146, 169) }
```

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

```
.border{ border-color:rgb(155, 146, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 169);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.400, 305.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 169) }
```

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

```
.background{ background-color: rgb(155,  
146, 169) }
```

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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