

Converting Colors

CIELCh(63, 13.772, 302.128)

Have a look what the booklet for
CIELCh(63, 13.772, 302.128)
contains.

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Color

CIELCh(63, 13.733, 302.334)

Conversions

Conversions Part 1

Format	Color
Hex	9C95AD
RGB	156, 149, 173
RGB Percent	61%, 58%, 68%
CMY	0.3882, 0.4156, 0.3215
CMYK	0.10, 0.14, 0.00, 0.32
HSL	257°, 13%, 63%
HSV	257°, 14%, 68%
XYZ	32.0074, 31.5869, 43.9528
YIQ	153.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

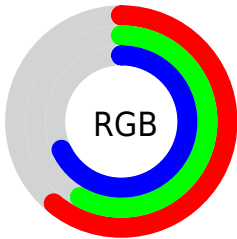
Format	Color
R_{YB}	156, 149, 173
Decimal	10261933
CIE _{Lab}	63.00, 7.35, -11.60
CIE _{LCh}	63, 13.733, 302.334
Yxy	31.5869, 0.2976, 0.2937
Android (android.graphics.Color)	4288452013 (0xFF9C95AD)
YUV	153.8290, 9.4513, 1.9040
Hunter-Lab	56.2022, 3.3026, -7.0260

Details

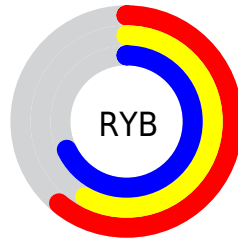
The CIELCh color $63, 13.733, 302.334$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 13.372, 120.695$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 13.574, 303.185$, and $43, 14.180, 303.098$ is the 20% darker color. If you saturate the color by 10%, you get $57, 24.047, 303.046$, and if you desaturate by 10%, it is $69, 3.770, 301.696$.

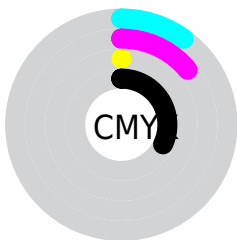
Distribution



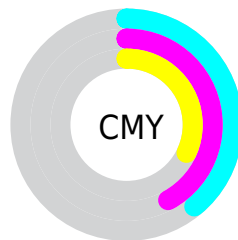
- Red (61%)
- Green (58%)
- Blue (68%)



- Red (61%)
- Yellow (58%)
- Blue (68%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)





- Cyan (39%)
- Magenta (42%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.733, 302.334 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 63, 13.733, 302.334 by changing the saturation by 10% instead.


 63, 13.733,
302.334


 63, 13.733,
302.334


 100, 13.733,
302.334


 53, 13.733,
302.334


 83, 13.733,
302.334

 43, 13.733,
302.334

 93, 13.733,
302.334

 33, 13.733,
302.334

 23, 13.733,
302.334

 13, 13.733,
302.334

 3, 13.733, 302.334

 0, 13.733, 302.334

63, 13.733,
302.334

63, 13.733,
302.334

57, 24.047,
303.046

69, 3.770, 301.696

52, 34.706,
303.845

74, 5.844, 121.166

46, 45.658,
304.723

80, 15.124,
120.685

41, 56.781,
305.655

85, 24.087,
120.273

36, 67.816,
306.590

91, 32.753,
119.917

31, 78.273,
307.435

96, 41.140,
119.611


27, 87.349,
308.044


97, 41.416,
114.100

24, 94.003,

98, 41.068,
107.549

308.239

 98, 41.065,
107.043

 23, 97.174,
308.262

Harmonies

Complementary

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



63, 13.733, 302.334



70, 13.372, 120.695

Rectangle

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



63, 13.733, 302.334



63, 13.733, 352.334



63, 13.733, 122.334



63, 13.733, 172.334

Sweetspot

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



63, 13.731, 302.332



87, 4.815, 301.709



67, 7.198, 230.541



45, 3.421, 301.754



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 13.731, 302.332



78, 20.919, 302.567



64, 15.174, 318.897



34, 5.571, 302.034



19, 87.559, 308.363



1, 11.522, 299.444

Inverse Universe

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



64, 13.182, 334.863



80, 20.001, 335.110



69, 15.059, 137.682



34, 5.373, 334.536



33, 62.797, 343.936



2, 10.570, 337.741

Previews

White Background



This preview shows how the CIELCh color 63, 13.733, 302.334 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 63, 13.733, 302.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

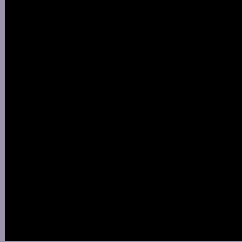
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 13.733, 302.334

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.733, 302.334.



This preview shows how white text looks on a background with the CIELCh color 63, 13.733, 302.334.

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


63, 13.733, 302.334

Protanopia

63, 12.883, 288.366

Deuteranopia

63, 13.809, 303.834



Tritanopia
63, 6.830, 300.368

Trichromacy



Original Color
63, 13.733, 302.334

Protanomaly
63, 13.480, 294.704

Deuteranomaly
63, 13.809, 303.834

Tritanomaly
63, 9.732, 302.179

Monochromacy



Original Color
63, 13.733, 302.334

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 5.177, 303.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.733, 302.334 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, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(156, 149, 173)  
}
```

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, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 149, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.733, 302.334 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, 149, 173) }
```

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

```
.border{ border-color:rgb(156, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(156, 149,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.733, 302.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 149, 173) }
```

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

```
.background{ background-color: rgb(156,  
149, 173) }
```

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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