

Converting Colors

CIELCh(63, 11.801, 298.803)

Have a look what the booklet for
CIELCh(63, 11.801, 298.803)
contains.

CIELCh(63, 11.881, 298.521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 11.881, 298.521)

Conversions

Conversions Part 1

Format	Color
Hex	9A96AB
RGB	154, 150, 171
RGB Percent	60%, 59%, 67%
CMY	0.3964, 0.4121, 0.3297
CMYK	0.10, 0.12, 0.00, 0.33
HSL	251°, 11%, 63%
HSV	251°, 12%, 67%
XYZ	31.5481, 31.5869, 42.9221
YIQ	153.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

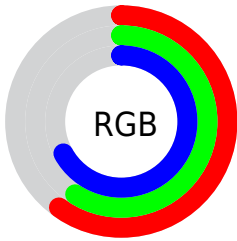
Format	Color
RYB	154, 150, 171
Decimal	10131115
CIELab	63.00, 5.67, -10.44
CIElCh	63, 11.881, 298.521
Yxy	31.5869, 0.2975, 0.2978
Android (android.graphics.Color)	4288321195 (0xFF9A96AB)
YUV	153.5900, 8.5831, 0.3596
Hunter-Lab	56.2022, 1.8437, -5.9387

Details

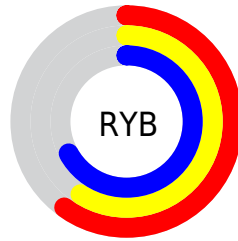
The CIELCh color $63, 11.881, 298.521$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 11.574, 116.790$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 11.755, 298.014$, and $43, 12.187, 299.193$ is the 20% darker color. If you saturate the color by 10%, you get $57, 21.960, 299.373$, and if you desaturate by 10%, it is $69, 2.174, 297.774$.

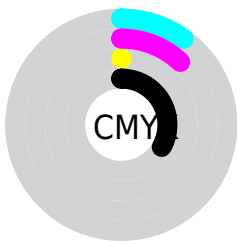
Distribution



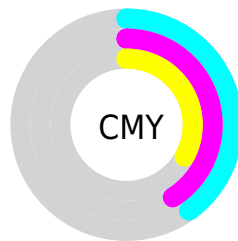
- Red (60%)
- Green (59%)
- Blue (67%)



- Red (60%)
- Yellow (59%)
- Blue (67%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)





- Cyan (40%)
- Magenta (41%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 11.881, 298.521 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, 11.881, 298.521 by changing the saturation by 10% instead.


 63, 11.881,
298.521


 63, 11.881,
298.521


 100, 11.881,
298.521


 53, 11.881,
298.521


 83, 11.881,
298.521

 43, 11.881,
298.521

 93, 11.881,
298.521

 33, 11.881,
298.521

 23, 11.881,
298.521

 13, 11.881,
298.521

 3, 11.881, 298.521

 0, 11.881, 298.521

63, 11.881,
298.521

63, 11.881,
298.521

57, 21.960,
299.373

69, 2.174, 297.774

52, 32.423,
300.352

74, 7.173, 117.138

46, 43.252,
301.456

80, 16.184,
116.586

40, 54.371,
302.671

85, 24.880,
116.112

35, 65.581,
303.953

91, 33.282,
115.704

30, 76.452,
305.207

96, 41.409,
115.352

26, 86.180,
306.271

98, 42.123,
109.193

23, 93.584,

98, 42.086,
106.964

306.922

■ 21, 97.723,
307.216

Harmonies

Complementary

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



63, 11.881, 298.521



69, 11.574, 116.790

Rectangle

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



63, 11.881, 298.521



63, 11.881, 348.521



63, 11.881, 118.521



63, 11.881, 168.521

Sweetspot

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



63, 11.879, 298.518



86, 4.716, 297.900



67, 6.564, 217.905



45, 3.382, 297.953



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, 11.879, 298.518



78, 18.034, 298.761



64, 12.946, 315.698



34, 5.509, 298.286



18, 88.878, 307.285



1, 11.428, 296.262

Inverse Universe

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



64, 12.408, 330.921



80, 18.761, 331.112



68, 12.814, 134.692



34, 5.775, 330.731



34, 67.392, 337.397



2, 11.534, 332.734

Previews

White Background



This preview shows how the CIELCh color 63, 11.881, 298.521 looks on a white background.

Color Contrast Check

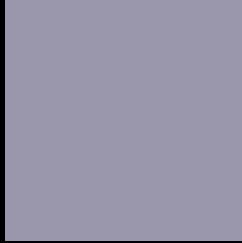
Large Text (above 18pt) WCAG AA × Fail

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 63, 11.881, 298.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

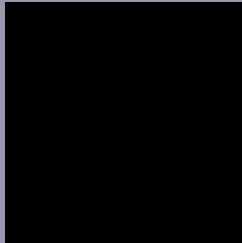
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

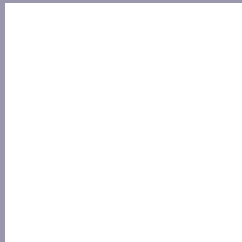
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 11.881, 298.521

Background



This preview shows how black text looks on a background with the CIELCh color 63, 11.881, 298.521.



This preview shows how white text looks on a background with the CIELCh color 63, 11.881, 298.521.

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, 11.881, 298.521

Protanopia

63, 11.767, 287.924

Deuteranopia

63, 13.465, 307.404



Tritanopia
63, 6.774, 297.244

Trichromacy



Original Color
63, 11.881, 298.521

Protanomaly
63, 11.757, 291.449

Deuteranomaly
63, 12.720, 304.856

Tritanomaly
63, 8.444, 296.125

Monochromacy



Original Color
63, 11.881, 298.521

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.939, 296.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 11.881, 298.521 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(154, 150, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 150, 171)  
}
```

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(154, 150, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 150, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 11.881, 298.521 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(154, 150, 171) }
```

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

```
.border{ border-color:rgb(154, 150, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 150, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 150,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 11.881, 298.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 150, 171) }
```

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

```
.background{ background-color: rgb(154,  
150, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor