

Converting Colors

CIELCh(64, 11.781, 296.738)

Have a look what the booklet for
CIELCh(64, 11.781, 296.738)
contains.

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Color

CIELCh(64, 11.795, 296.744)

Conversions

Conversions Part 1

Format	Color
Hex	9C99AE
RGB	156, 153, 174
RGB Percent	61%, 60%, 68%
CMY	0.3891, 0.4009, 0.3185
CMYK	0.10, 0.12, 0.00, 0.32
HSL	249°, 11%, 64%
HSV	249°, 12%, 68%
XYZ	32.6390, 32.8017, 44.5385
YIQ	156.2910, -4.9530, 7.1670

Conversions

Conversions Part 2

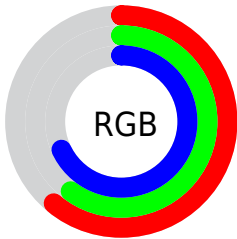
Format	Color
R_{YB}	156, 153, 174
Decimal	10262958
CIE Lab	64.00, 5.31, -10.53
CIE LCh	64, 11.795, 296.744
Yxy	32.8017, 0.2968, 0.2983
Android (android.graphics.Color)	4288453038 (0xFF9C99AE)
YUV	156.2910, 8.7305, -0.2552
Hunter-Lab	57.2727, 1.4975, -6.0164

Details

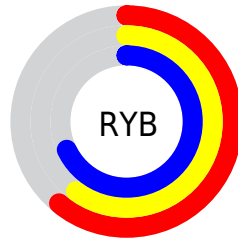
The CIELCh color **64, 11.795, 296.744** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 11.486, 114.882**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.723, 298.004**, and **44, 12.078, 297.346** is the 20% darker color. If you saturate the color by 10%, you get **58, 21.977, 297.680**, and if you desaturate by 10%, it is **70, 1.999, 295.934**.

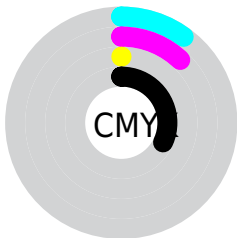
Distribution



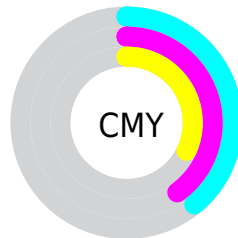
- Red (61%)
- Green (60%)
- Blue (68%)



- Red (61%)
- Yellow (60%)
- Blue (68%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)





- Cyan (39%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.795, 296.744 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 64, 11.795, 296.744 by changing the saturation by 10% instead.

 64, 11.795,
296.744


 64, 11.795,
296.744


 100, 11.795,
296.744


 54, 11.795,
296.744


 84, 11.795,
296.744

 44, 11.795,
296.744

 94, 11.795,
296.744

 34, 11.795,
296.744

 24, 11.795,
296.744

 14, 11.795,
296.744

 4, 11.795, 296.744

 0, 11.795, 296.744

64, 11.795,
296.744

64, 11.795,
296.744

58, 21.977,
297.680

70, 1.999, 295.934

52, 32.565,
298.764

76, 7.427, 115.232

47, 43.550,
299.998

81, 16.510,
114.635

41, 54.868,
301.371

87, 25.273,
114.122

35, 66.336,
302.842

93, 33.736,
113.680

30, 77.518,
304.308

98, 40.897,
112.408

26, 87.569,
305.589

98, 40.696,
107.071

23, 95.207,

306.441

■ 21, 99.451,
306.866

Harmonies

Complementary

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



64, 11.795, 296.744



70, 11.486, 114.882

Rectangle

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



64, 11.795, 296.744



64, 11.795, 346.744



64, 11.795, 116.744



64, 11.795, 166.744

Sweetspot

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



64, 11.793, 296.741



87, 4.784, 296.084



69, 6.768, 212.111



46, 3.431, 296.141



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 11.793, 296.741



80, 17.052, 296.933



65, 12.745, 314.073



34, 5.488, 296.504



17, 89.355, 306.929



1, 11.396, 294.749

Inverse Universe

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



65, 12.788, 329.297



82, 18.434, 329.429



69, 12.595, 133.089



34, 5.973, 329.125



34, 69.845, 334.747



2, 12.052, 330.512

Previews

White Background



This preview shows how the CIELCh color 64, 11.795, 296.744 looks on a white background.

Color Contrast Check

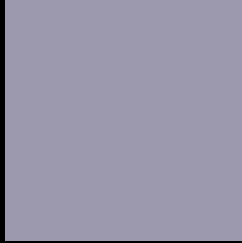
Large Text (above 18pt) WCAG AA × Fail

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 64, 11.795, 296.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

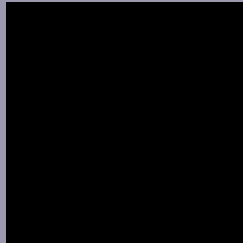
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.795, 296.744

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.795, 296.744.



This preview shows how white text looks on a background with the CIELCh color 64, 11.795, 296.744.

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

64, 11.795, 296.744

Protanopia

64, 11.169, 287.654

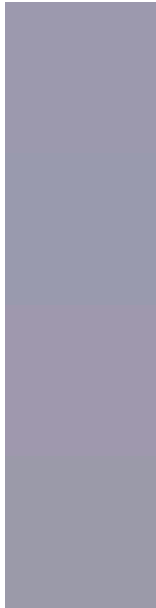
Deuteranopia

64, 13.418, 307.393



Tritanopia
64, 6.715, 294.077

Trichromacy



Original Color
64, 11.795, 296.744

Protanomaly
64, 11.158, 289.507

Deuteranomaly
64, 12.592, 303.212

Tritanomaly
64, 8.385, 293.598

Monochromacy



Original Color
64, 11.795, 296.744

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.930, 296.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.795, 296.744 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, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(156, 153, 174)  
}
```

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, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 153, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.795, 296.744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

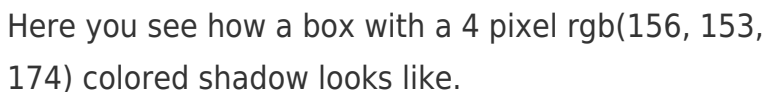
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 153, 174) }
```

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

```
.border{ border-color:rgb(156, 153, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(156, 153,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.795, 296.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 153, 174) }
```

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

```
.background{ background-color: rgb(156,  
153, 174) }
```

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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