

Converting Colors

CIELCh(64, 18.181, 299.286)

Have a look what the booklet for
CIELCh(64, 18.181, 299.286)
contains.

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Color

CIELCh(64, 18.051, 298.852)

Conversions

Conversions Part 1

Format	Color
Hex	9D97B7
RGB	157, 151, 183
RGB Percent	62%, 59%, 72%
CMY	0.3836, 0.4071, 0.2816
CMYK	0.14, 0.17, 0.00, 0.28
HSL	251°, 18%, 66%
HSV	251°, 17%, 72%
XYZ	33.5998, 32.8017, 49.4586
YIQ	156.4420, -6.6960, 11.2240

Conversions

Conversions Part 2

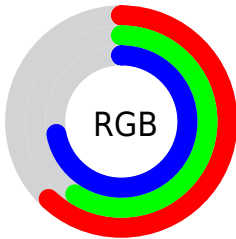
Format	Color
RYB	157, 151, 183
Decimal	10327991
CIELab	64.00, 8.71, -15.81
CIElCh	64, 18.051, 298.852
Yxy	32.8017, 0.2900, 0.2831
Android (android.graphics.Color)	4288518071 (0xFF9D97B7)
YUV	156.4420, 13.0931, 0.4894
Hunter-Lab	57.2727, 4.4921, -11.1097

Details

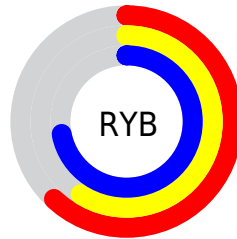
The CIELCh color $64, 18.051, 298.852$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 17.391, 116.307$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 18.169, 299.266$, and $44, 18.162, 298.564$ is the 20% darker color. If you saturate the color by 10%, you get $58, 28.929, 299.780$, and if you desaturate by 10%, it is $70, 7.577, 298.042$.

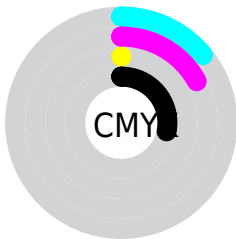
Distribution



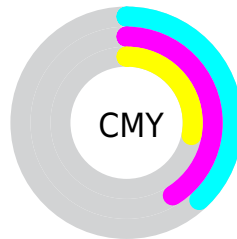
- Red (62%)
- Green (59%)
- Blue (72%)



- Red (62%)
- Yellow (59%)
- Blue (72%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)





- Cyan (38%)
- Magenta (41%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 18.051, 298.852 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, 18.051, 298.852 by changing the saturation by 10% instead.

 64, 18.051,
298.852


 64, 18.051,
298.852


 100, 18.051,
298.852


 54, 18.051,
298.852


 84, 18.051,
298.852

 44, 18.051,
298.852

 94, 18.051,
298.852

 34, 18.051,
298.852

 24, 18.051,
298.852

 14, 18.051,
298.852

 4, 18.051, 298.852

 0, 18.051, 298.852

64, 18.051,
298.852

64, 18.051,
298.852

58, 28.929,
299.780

70, 7.577, 298.042

52, 40.212,
300.839

76, 2.505, 117.347

46, 51.854,
302.021

82, 12.217,
116.743

40, 63.714,
303.297

88, 21.582,
116.226

35, 75.465,
304.598

94, 30.622,
115.781

30, 86.440,
305.789

98, 36.250,
112.589

26, 95.531,
306.666

99, 36.080,
107.428

23, 101.613,

307.055

■ 23, 102.958,
307.160

Harmonies

Complementary

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



64, 18.051, 298.852



73, 17.391, 116.307

Rectangle

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



64, 18.051, 298.852



64, 18.051, 348.852



64, 18.051, 118.852



64, 18.051, 168.852

Sweetspot

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



64, 18.049, 298.850



90, 6.230, 297.865



71, 9.733, 218.062



48, 4.290, 297.916



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 18.049, 298.850



78, 26.960, 299.196



65, 19.583, 315.927



36, 5.775, 298.184



19, 91.134, 307.242



1, 15.473, 295.709

Inverse Universe

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



66, 18.757, 331.157



81, 27.840, 331.408



72, 19.311, 134.442



36, 6.067, 330.635



35, 69.180, 337.259



3, 15.573, 333.261

Previews

White Background



This preview shows how the CIELCh color 64, 18.051, 298.852 looks on a white background.

Color Contrast Check

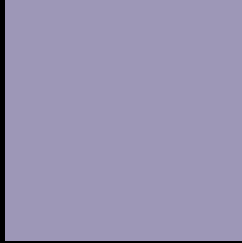
Large Text (above 18pt) WCAG AA × Fail

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 64, 18.051, 298.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

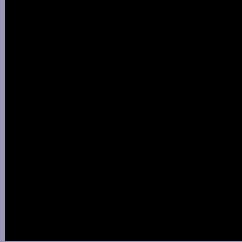
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

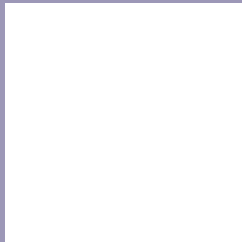
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 18.051, 298.852

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.051, 298.852.



This preview shows how white text looks on a background with the CIELCh color 64, 18.051, 298.852.

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, 18.051, 298.852

Protanopia

64, 17.337, 286.228

Deuteranopia

64, 18.010, 297.725



Tritanopia
64, 6.699, 290.903

Trichromacy



Original Color
64, 18.051, 298.852

Protanomaly
64, 17.299, 290.846

Deuteranomaly
64, 18.010, 297.725

Tritanomaly
64, 10.649, 295.252

Monochromacy



Original Color
64, 18.051, 298.852

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 6.742, 297.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.051, 298.852 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(157, 151, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 183)  
}
```

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(157, 151, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.051, 298.852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

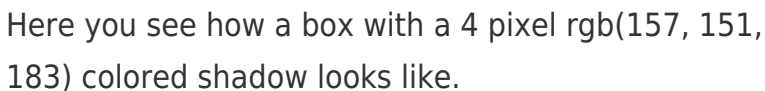
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 151, 183) }
```

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

```
.border{ border-color:rgb(157, 151, 183) }
```

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



Here you see how a box with a 4 pixel rgb(157, 151, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 151, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 151, 183);  
box-shadow:4px 4px 4px 4px rgb(157, 151,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.051, 298.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 183) }
```

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

```
.background{ background-color: rgb(157,  
151, 183) }
```

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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