

Converting Colors

CIELCh(64, 27.182, 296.303)

Have a look what the booklet for
CIELCh(64, 27.182, 296.303)
contains.

CIELCh(64, 26.909, 296.588)	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(64, 26.909, 296.588)

Conversions

Conversions Part 1

Format	Color
Hex	9B96C6
RGB	155, 150, 198
RGB Percent	61%, 59%, 78%
CMY	0.3926, 0.4122, 0.2240
CMYK	0.22, 0.24, 0.00, 0.22
HSL	246°, 30%, 68%
HSV	246°, 24%, 78%
XYZ	34.5592, 32.8017, 57.8588
YIQ	156.9670, -12.4280, 15.9880

Conversions

Conversions Part 2

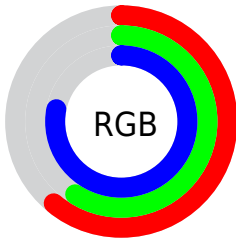
Format	Color
R_{YB}	155, 150, 198
Decimal	10196678
CIE _{Lab}	64.00, 12.04, -24.06
CIE _{LCh}	64, 26.909, 296.588
Yxy	32.8017, 0.2760, 0.2620
Android (android.graphics.Color)	4288386758 (0xFF9B96C6)
YUV	156.9670, 20.2293, -1.7251
Hunter-Lab	57.2727, 7.4821, -19.8058

Details

The CIELCh color $64, 26.909, 296.588$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $78, 25.447, 112.314$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 27.062, 296.629$, and $44, 27.083, 296.832$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.783, 297.816$, and if you desaturate by 10%, it is $71, 15.500, 295.527$.

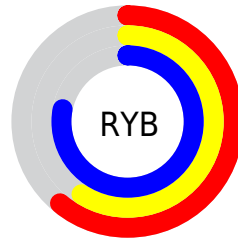
Distribution



Red (61%)

Green (59%)

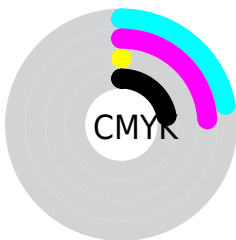
Blue (78%)



Red (61%)

Yellow (59%)

Blue (78%)

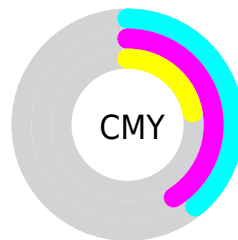


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (39%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.909, 296.588 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, 26.909, 296.588 by changing the saturation by 10% instead.

 64, 26.909,
296.588

 64, 26.909,
296.588

 100, 26.909,
296.588


 54, 26.909,
296.588

 84, 26.909,
296.588

 44, 26.909,
296.588

 94, 26.909,
296.588

 34, 26.909,
296.588

 24, 26.909,
296.588

 14, 26.909,
296.588

 4, 26.909, 296.588

 0, 26.909, 296.588

64, 26.909,
296.588

64, 26.909,
296.588

57, 38.783,
297.816

71, 15.500,
295.527

51, 51.117,
299.221

77, 4.541, 294.620

84, 5.995, 113.832

45, 63.824,
300.786

90, 16.139,
113.168

39, 76.646,
302.453

96, 25.917,
112.597

33, 88.974,
304.088

99, 28.795,
107.990

29, 99.648,
305.463

26, 107.063,
306.301

24, 109.966,

306.616

Harmonies

Complementary

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



64, 26.909, 296.588



78, 25.447, 112.314

Rectangle

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



64, 26.909, 296.588



64, 26.909, 346.588



64, 26.909, 116.588



64, 26.909, 166.588

Sweetspot

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



64, 26.908, 296.587



94, 9.226, 294.863



75, 14.926, 208.388



50, 6.001, 294.917



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 26.908, 296.587



77, 39.948, 297.202



66, 28.614, 313.535



38, 6.135, 295.067



19, 95.230, 306.675



1, 21.568, 294.492

Inverse Universe

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



68, 29.415, 328.799



82, 43.168, 329.106



77, 27.893, 131.405



39, 6.874, 327.912



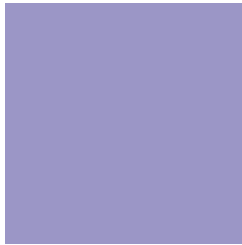
38, 76.328, 332.817



4, 24.440, 330.737

Previews

White Background



This preview shows how the CIELCh color 64, 26.909, 296.588 looks on a white background.

Color Contrast Check

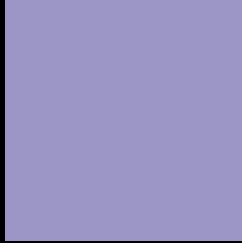
Large Text (above 18pt) WCAG AA × Fail

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, 26.909, 296.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

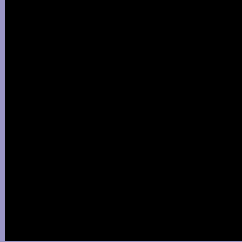
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.909, 296.588

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.909, 296.588.



This preview shows how white text looks on a background with the CIELCh color 64, 26.909, 296.588.

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

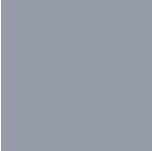
64, 26.909, 296.588

Protanopia

64, 26.329, 285.731

Deuteranopia

64, 25.123, 289.752



Tritanopia
64, 7.535, 273.986

Trichromacy



Original Color
64, 26.909, 296.588

Protanomaly
64, 26.244, 289.291

Deuteranomaly
64, 25.695, 292.875

Tritanomaly
64, 14.522, 288.914

Monochromacy



Original Color
64, 26.909, 296.588

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 10.081, 295.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.909, 296.588 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, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 150, 198)  
}
```

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, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 150, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.909, 296.588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

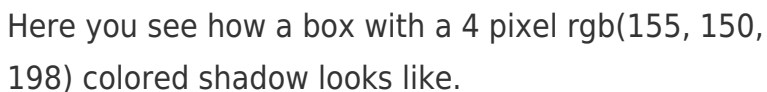
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 150, 198) }
```

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

```
.border{ border-color:rgb(155, 150, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 150, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 150, 198); box-shadow:4px 4px 4px 4px rgb(155, 150, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.909, 296.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 150, 198) }
```

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

```
.background{ background-color: rgb(155,  
150, 198) }
```

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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