

Converting Colors

CIELCh(64, 26.844, 293.715)

Have a look what the booklet for
CIELCh(64, 26.844, 293.715)
contains.

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Color

CIELCh(64, 26.812, 293.699)

Conversions

Conversions Part 1

Format	Color
Hex	9897C7
RGB	152, 151, 199
RGB Percent	60%, 59%, 78%
CMY	0.4050, 0.4089, 0.2208
CMYK	0.24, 0.24, 0.00, 0.22
HSL	241°, 30%, 69%
HSV	241°, 24%, 78%
XYZ	34.1924, 32.8017, 58.3829
YIQ	156.7710, -14.8120, 15.1400

Conversions

Conversions Part 2

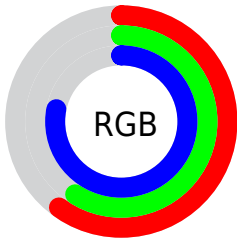
Format	Color
RYB	152, 151, 199
Decimal	10000327
CIELab	64.00, 10.78, -24.55
CIELCh	64, 26.812, 293.699
Yxy	32.8017, 0.2727, 0.2616
Android (android.graphics.Color)	4288190407 (0xFF9897C7)
YUV	156.7710, 20.8189, -4.1842
Hunter-Lab	57.2727, 6.3388, -20.3483

Details

The CIELCh color `64, 26.812, 293.699` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 25.335, 108.747`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 26.433, 293.827`, and `44, 26.994, 293.898` is the 20% darker color. If you saturate the color by 10%, you get `57, 38.723, 295.161`, and if you desaturate by 10%, it is `71, 15.389, 292.450`.

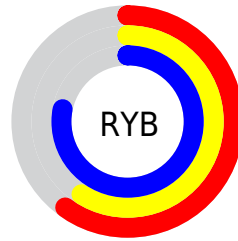
Distribution



Red (60%)

Green (59%)

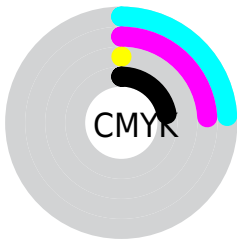
Blue (78%)



Red (60%)

Yellow (59%)

Blue (78%)

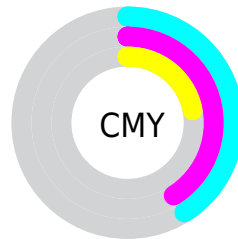


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (41%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.812, 293.699 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, 26.812, 293.699 by changing the saturation by 10% instead.

 64, 26.812,
293.699

 64, 26.812,
293.699

 100, 26.812,
293.699


 54, 26.812,
293.699


 84, 26.812,
293.699

 44, 26.812,
293.699


 94, 26.812,
293.699

 34, 26.812,
293.699

 24, 26.812,
293.699

 14, 26.812,
293.699

 4, 26.812, 293.699

 0, 26.812, 293.699

64, 26.812,
293.699

64, 26.812,
293.699

57, 38.723,
295.161

71, 15.389,
292.450

51, 51.135,
296.856

77, 4.428, 291.398

44, 63.986,
298.772

84, 6.106, 110.474

38, 77.036,
300.845

91, 16.246,
109.712

32, 89.652,
302.913

97, 26.019,
109.057

28, 100.560,
304.701

99, 28.380,
108.022

25, 107.972,
305.879

24, 110.800,

Harmonies

Complementary

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



64, 26.812, 293.699



79, 25.335, 108.747

Rectangle

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



64, 26.812, 293.699



64, 26.812, 343.699



64, 26.812, 113.699



64, 26.812, 163.699

Sweetspot

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



64, 26.811, 293.698



94, 9.198, 291.689



77, 16.141, 199.757



50, 5.983, 291.751



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, 26.811, 293.698



76, 39.866, 294.443



66, 28.138, 310.770



38, 6.116, 291.925



19, 95.716, 306.358



1, 21.517, 292.293

Inverse Universe

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



68, 31.103, 326.315



83, 45.680, 326.602



77, 27.257, 128.555



39, 7.280, 325.490



38, 81.442, 329.064



4, 26.275, 327.697

Previews

White Background



This preview shows how the CIELCh color 64, 26.812, 293.699 looks on a white background.

Color Contrast Check

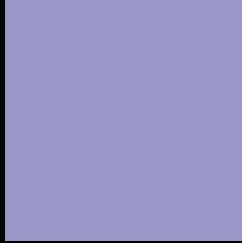
Large Text (above 18pt) WCAG AA × Fail

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, 26.812, 293.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

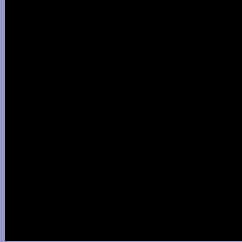
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.812, 293.699

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.812, 293.699.



This preview shows how white text looks on a background with the CIELCh color 64, 26.812, 293.699.

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, 26.812, 293.699

Protanopia

64, 26.878, 285.956

Deuteranopia

64, 25.690, 289.146



Tritanopia
64, 8.034, 264.019

Trichromacy



Original Color
64, 26.812, 293.699

Protanomaly
64, 26.813, 288.734

Deuteranomaly
64, 25.668, 290.622

Tritanomaly
64, 14.613, 283.373

Monochromacy



Original Color
64, 26.812, 293.699

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.044, 291.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.812, 293.699 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(152, 151, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 199)  
}
```

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(152, 151, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.812, 293.699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

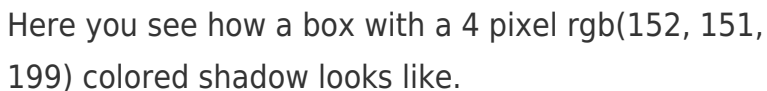
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 151, 199) }
```

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

```
.border{ border-color:rgb(152, 151, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 151, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 151, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 151, 199); box-shadow:4px 4px 4px 4px rgb(152, 151, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.812, 293.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 199) }
```

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

```
.background{ background-color: rgb(152,  
151, 199) }
```

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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