

Converting Colors

CIELCh(64, 24.877, 282.747)

Have a look what the booklet for
CIELCh(64, 24.877, 282.747)
contains.

CIELCh(64, 24.776, 282.757)	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, 24.776, 282.757)

Conversions

Conversions Part 1

Format	Color
Hex	8D9AC6
RGB	141, 154, 198
RGB Percent	55%, 60%, 78%
CMY	0.4475, 0.3965, 0.2240
CMYK	0.29, 0.22, 0.00, 0.22
HSL	226°, 33%, 66%
HSV	226°, 29%, 78%
XYZ	32.6846, 32.8017, 57.9672
YIQ	155.1290, -21.8720, 10.9280

Conversions

Conversions Part 2

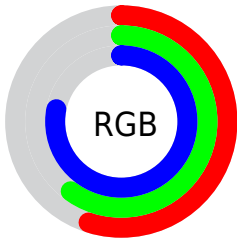
Format	Color
RYB	141, 152, 198
Decimal	9280198
CIELab	64.00, 5.47, -24.16
CIELCh	64, 24.776, 282.757
Yxy	32.8017, 0.2648, 0.2657
Android (android.graphics.Color)	4287470278 (0xFF8D9AC6)
YUV	155.1290, 21.1354, -12.3911
Hunter-Lab	57.2727, 1.6397, -19.9180

Details

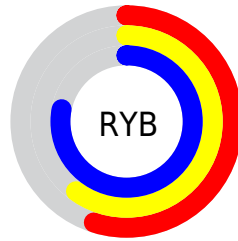
The CIELCh color `64, 24.776, 282.757` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 24.138, 95.234`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.992, 283.339`, and `44, 24.825, 282.718` is the 20% darker color. If you saturate the color by 10%, you get `59, 33.862, 284.657`, and if you desaturate by 10%, it is `70, 15.953, 281.130`.

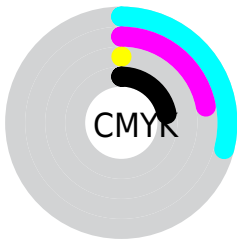
Distribution



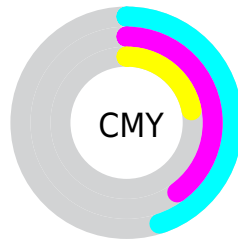
- Red (55%)
- Green (60%)
- Blue (78%)



- Red (55%)
- Yellow (60%)
- Blue (78%)



- Cyan (29%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.776, 282.757 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, 24.776, 282.757 by changing the saturation by 10% instead.

■ 64, 24.776,
282.757

■ 64, 24.776,
282.757

■ 100, 24.776,
282.757

■ 54, 24.776,
282.757

■ 84, 24.776,
282.757

■ 44, 24.776,
282.757

■ 94, 24.776,
282.757

■ 34, 24.776,
282.757

■ 24, 24.776,
282.757

■ 14, 24.776,
282.757

■ 4, 24.776, 282.757

■ 0, 24.776, 282.757

64, 24.776,
282.757

64, 24.776,
282.757

59, 33.862,
284.657

70, 15.953,
281.130

53, 43.241,
286.866

75, 7.373, 279.748

80, 0.981, 98.350

48, 52.940,
289.402

86, 9.123, 97.473

43, 62.959,
292.243

91, 17.062, 96.584

38, 73.211,
295.307

96, 24.479, 99.854

99, 28.787,
107.990

33, 83.411,
298.419

30, 92.976,
301.293

29, 94.051,

Harmonies

Complementary

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



64, 24.776, 282.757



75, 24.138, 95.234

Rectangle

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



64, 24.776, 282.757



64, 24.776, 332.757



64, 24.776, 102.757



64, 24.776, 152.757

Sweetspot

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



64, 24.775, 282.756



94, 9.267, 279.790



76, 21.250, 178.013



49, 6.451, 279.981



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, 24.775, 282.756



76, 37.346, 284.002



62, 32.584, 302.607



39, 4.774, 279.822



24, 80.467, 301.189



3, 18.140, 285.039

Inverse Universe

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



64, 23.614, 4.301



77, 35.674, 5.312



77, 30.698, 118.788



39, 4.470, 1.949



34, 65.076, 26.691



4, 16.264, 7.756

Previews

White Background



This preview shows how the CIELCh color 64, 24.776, 282.757 looks on a white background.

Color Contrast Check

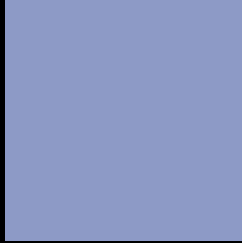
Large Text (above 18pt) WCAG AA × Fail

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, 24.776, 282.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

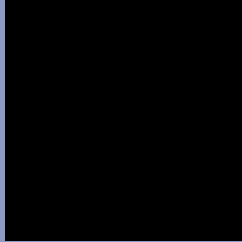
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.776, 282.757

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.776, 282.757.



This preview shows how white text looks on a background with the CIELCh color 64, 24.776, 282.757.

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, 24.776, 282.757

Protanopia

64, 24.649, 285.764

Deuteranopia

64, 25.690, 289.146



Tritanopia
64, 10.671, 237.840

Trichromacy



Original Color
64, 24.776, 282.757

Protanomaly
64, 24.682, 285.010

Deuteranomaly
64, 25.170, 286.734

Tritanomaly
64, 14.862, 263.822

Monochromacy



Original Color
64, 24.776, 282.757

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.070, 279.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.776, 282.757 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(141, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(141, 154, 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(141, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 154, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.776, 282.757 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(141, 154, 198) }
```

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

```
.border{ border-color:rgb(141, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(141, 154,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.776, 282.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 154, 198) }
```

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

```
.background{ background-color: rgb(141,  
154, 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](#).

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