

Converting Colors

CIELCh(64, 27.395, 293.059)

Have a look what the booklet for
CIELCh(64, 27.395, 293.059)
contains.

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Color

CIELCh(64, 27.361, 293.040)

Conversions

Conversions Part 1

Format	Color
Hex	9797C8
RGB	151, 151, 200
RGB Percent	59%, 59%, 78%
CMY	0.4085, 0.4085, 0.2164
CMYK	0.25, 0.25, 0.00, 0.22
HSL	240°, 31%, 69%
HSV	240°, 25%, 78%
XYZ	34.1727, 32.8017, 59.0620
YIQ	156.5860, -15.7290, 15.2390

Conversions

Conversions Part 2

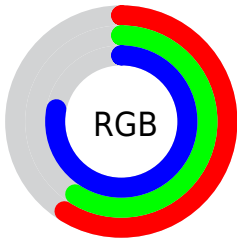
Format	Color
R_{YB}	151, 151, 200
Decimal	9934792
CIE _{Lab}	64.00, 10.71, -25.18
CIE _{LCh}	64, 27.361, 293.040
Yxy	32.8017, 0.2711, 0.2603
Android (android.graphics.Color)	4288124872 (0xFF9797C8)
YUV	156.5860, 21.4031, -4.8989
Hunter-Lab	57.2727, 6.2775, -21.0513

Details

The CIELCh color `64, 27.361, 293.040` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 25.829, 107.814`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 26.423, 293.118`, and `44, 27.585, 293.273` is the 20% darker color. If you saturate the color by 10%, you get `57, 39.346, 294.575`, and if you desaturate by 10%, it is `71, 15.871, 291.733`.

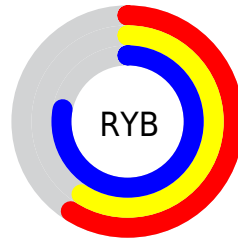
Distribution



Red (59%)

Green (59%)

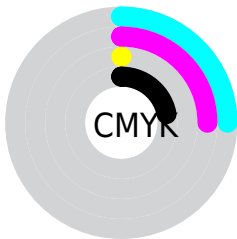
Blue (78%)



Red (59%)

Yellow (59%)

Blue (78%)

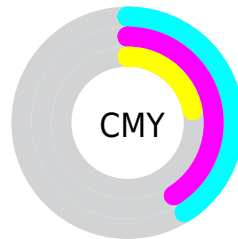


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (41%)


Magenta (41%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 27.361, 293.040 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, 27.361, 293.040 by changing the saturation by 10% instead.

 64, 27.361,
293.040


 64, 27.361,
293.040


 100, 27.361,
293.040


 54, 27.361,
293.040


 84, 27.361,
293.040

 44, 27.361,
293.040

 94, 27.361,
293.040

 34, 27.361,
293.040

 24, 27.361,
293.040

 14, 27.361,
293.040

 4, 27.361, 293.040

 0, 27.361, 293.040

64, 27.361,
293.040

64, 27.361,
293.040

57, 39.346,
294.575

71, 15.871,
291.733

51, 51.842,
296.358

78, 4.847, 290.632

84, 5.747, 109.667

44, 64.788,
298.379

91, 15.943,
108.874

38, 77.934,
300.565

97, 25.771,
108.193

32, 90.616,
302.743

99, 27.825,
108.064

28, 101.493,
304.615

25, 108.727,
305.844

24, 111.362,

Harmonies

Complementary

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



64, 27.361, 293.040



79, 25.829, 107.814

Rectangle

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



64, 27.361, 293.040



64, 27.361, 343.040



64, 27.361, 113.040



64, 27.361, 163.040

Sweetspot

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



64, 27.360, 293.039



94, 9.194, 290.897



77, 16.782, 196.667



50, 5.981, 290.962



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, 27.360, 293.039



76, 39.855, 293.762



66, 28.551, 309.671



38, 6.114, 291.142



19, 95.825, 306.286



1, 21.509, 291.744

Inverse Universe

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



67, 19.698, 21.269



81, 28.928, 21.820



78, 27.571, 127.349



39, 4.279, 19.917



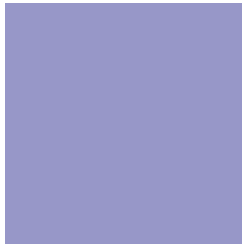
34, 74.642, 39.773



3, 15.885, 19.401

Previews

White Background



This preview shows how the CIELCh color 64, 27.361, 293.040 looks on a white background.

Color Contrast Check

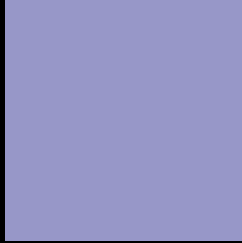
Large Text (above 18pt) WCAG AA × Fail

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, 27.361, 293.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

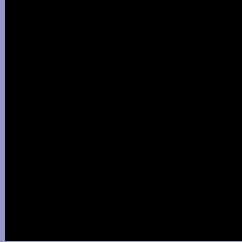
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 27.361, 293.040

Background



This preview shows how black text looks on a background with the CIELCh color 64, 27.361, 293.040.



This preview shows how white text looks on a background with the CIELCh color 64, 27.361, 293.040.

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

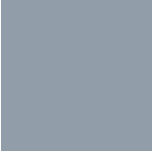
64, 27.361, 293.040

Protanopia

64, 27.459, 285.510

Deuteranopia

64, 26.813, 288.734



Tritanopia
64, 7.893, 257.350

Trichromacy



Original Color
64, 27.361, 293.040

Protanomaly
64, 27.384, 288.209

Deuteranomaly
64, 26.785, 290.134

Tritanomaly
64, 14.153, 280.141

Monochromacy



Original Color
64, 27.361, 293.040

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, 27.361, 293.040 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(151, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(151, 151, 200)  
}
```

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(151, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 151, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 27.361, 293.040 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(151, 151, 200) }
```

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

```
.border{ border-color:rgb(151, 151, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(151, 151,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 27.361, 293.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 151, 200) }
```

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

```
.background{ background-color: rgb(151,  
151, 200) }
```

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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