

Converting Colors

CIELCh(64, 9.952, 272.151)

Have a look what the booklet for
CIELCh(64, 9.952, 272.151) contains.

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Color

CIELCh(64, 9.941, 272.139)

Conversions

Conversions Part 1

Format	Color
Hex	939CAD
RGB	147, 156, 173
RGB Percent	58%, 61%, 68%
CMY	0.4252, 0.3899, 0.3232
CMYK	0.15, 0.10, 0.00, 0.32
HSL	219°, 14%, 63%
HSV	219°, 15%, 68%
XYZ	31.2778, 32.8017, 44.0015
YIQ	155.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

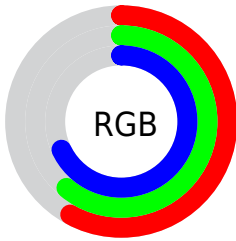
Format	Color
RYB	147, 154, 173
Decimal	9673901
CIELab	64.00, 0.37, -9.93
CIElCh	64, 9.941, 272.139
Yxy	32.8017, 0.2894, 0.3035
Android (android.graphics.Color)	4287863981 (0xFF939CAD)
YUV	155.2470, 8.7522, -7.2326
Hunter-Lab	57.2727, -2.7450, -5.4604

Details

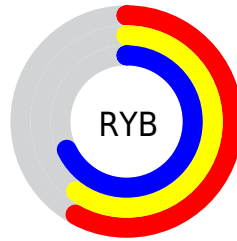
The CIELCh color **64, 9.941, 272.139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 9.988, 88.185**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 9.925, 272.734**, and **44, 10.075, 271.782** is the 20% darker color. If you saturate the color by 10%, you get **60, 16.652, 273.758**, and if you desaturate by 10%, it is **68, 3.321, 270.775**.

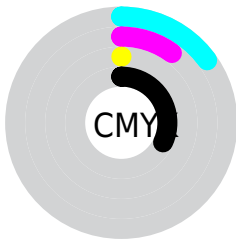
Distribution



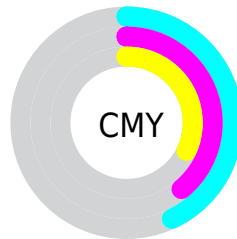
- Red (58%)
- Green (61%)
- Blue (68%)



- Red (58%)
- Yellow (60%)
- Blue (68%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.941, 272.139 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, 9.941, 272.139 by changing the saturation by 10% instead.

■ 64, 9.941, 272.139

■ 64, 9.941, 272.139

■ 100, 9.941,
272.139

■ 54, 9.941, 272.139

■ 84, 9.941, 272.139

■ 44, 9.941, 272.139

■ 94, 9.941, 272.139

■ 34, 9.941, 272.139

■ 24, 9.941, 272.139

■ 14, 9.941, 272.139

■ 4, 9.941, 272.139

■ 0, 9.941, 272.139

■ 64, 9.941, 272.139

■ 64, 9.941, 272.139

■ 60, 16.652,

■ 68, 3.321, 270.775

273.758

73, 3.204, 89.428

55, 23.460,
275.664

77, 9.634, 88.427

51, 30.375,
277.891

81, 15.965, 87.523

47, 37.417,
280.476

86, 22.196, 86.724

43, 44.614,
283.435

90, 28.325, 86.017

39, 52.001,
286.746

93, 32.711, 93.370

35, 59.584,
290.320

96, 37.196,
101.742

32, 67.294,
293.989

30, 71.115,
295.671

Harmonies

Complementary

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



64, 9.941, 272.139



68, 9.988, 88.185

Rectangle

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



64, 9.941, 272.139



64, 9.941, 322.139



64, 9.941, 92.139



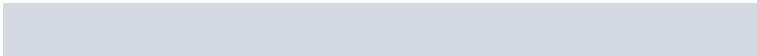
64, 9.941, 142.139

Sweetspot

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



64, 9.940, 272.133



87, 4.063, 270.778



68, 10.928, 171.244



45, 2.769, 270.859



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 9.940, 272.133



80, 14.741, 272.634



62, 14.709, 297.271



34, 3.738, 271.314



26, 63.536, 295.246



2, 8.407, 274.984

Inverse Universe

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



63, 11.300, 354.237



79, 16.812, 354.594



70, 14.237, 114.956



34, 4.222, 353.632



31, 57.828, 15.844



2, 8.474, 357.184

Previews

White Background



This preview shows how the CIELCh color 64, 9.941, 272.139 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, 9.941, 272.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

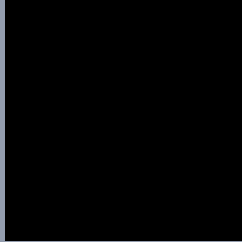
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

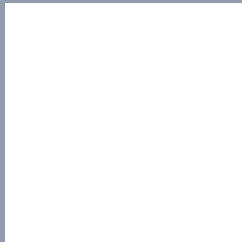
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 9.941, 272.139

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.941, 272.139.



This preview shows how white text looks on a background with the CIELCh color 64, 9.941, 272.139.

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, 9.941, 272.139

Protanopia

64, 9.487, 288.987

Deuteranopia

64, 13.418, 307.393



Tritanopia
64, 8.034, 264.019

Trichromacy



Original Color
64, 9.941, 272.139

Protanomaly
64, 9.560, 282.439

Deuteranomaly
64, 11.240, 296.965

Tritanomaly
64, 8.529, 265.830

Monochromacy



Original Color
64, 9.941, 272.139

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.516, 271.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.941, 272.139 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(147, 156, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 156, 173)  
}
```

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(147, 156, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 156, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.941, 272.139 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(147, 156, 173) }
```

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

```
.border{ border-color:rgb(147, 156, 173) }
```

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

Here you see how a box with a 4 pixel rgb(147, 156, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 156, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 156, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 156,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.941, 272.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 156, 173) }
```

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

```
.background{ background-color: rgb(147,  
156, 173) }
```

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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