

Converting Colors

CIELCh(71, 16.361, 253.071)

Have a look what the booklet for
CIELCh(71, 16.361, 253.071)
contains.

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Color

CIELCh(71, 16.428, 252.125)

Conversions

Conversions Part 1

Format	Color
Hex	93B2CA
RGB	147, 178, 202
RGB Percent	58%, 70%, 79%
CMY	0.4244, 0.3028, 0.2087
CMYK	0.27, 0.12, 0.00, 0.21
HSL	206°, 34%, 68%
HSV	206°, 27%, 79%
XYZ	38.5021, 42.1875, 61.8481
YIQ	171.4670, -26.1800, 0.8920

Conversions

Conversions Part 2

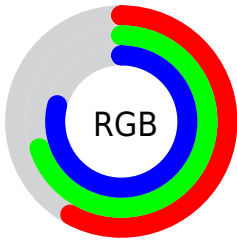
Format	Color
RYB	147, 167, 202
Decimal	9679562
CIELab	71.00, -5.04, -15.63
CIELCh	71, 16.428, 252.125
Yxy	42.1875, 0.2701, 0.2960
Android (android.graphics.Color)	4287869642 (0xFF93B2CA)
YUV	171.4670, 15.0528, -21.4576
Hunter-Lab	64.9519, -7.8549, -10.9904

Details

The CIELCh color **71, 16.428, 252.125** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 18.236, 65.187**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.906, 246.078**, and **51, 16.546, 253.333** is the 20% darker color. If you saturate the color by 10%, you get **67, 22.124, 254.109**, and if you desaturate by 10%, it is **75, 10.532, 250.483**.

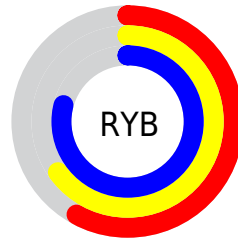
Distribution



Red (58%)

Green (70%)

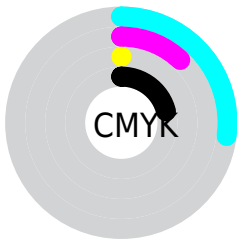
Blue (79%)



Red (58%)

Yellow (65%)

Blue (79%)

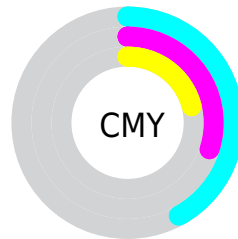


Cyan (27%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (42%)


Magenta (30%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 16.428, 252.125 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 71, 16.428, 252.125 by changing the saturation by 10% instead.


 71, 16.428,
252.125


 71, 16.428,
252.125


 100, 16.428,
252.125


 61, 16.428,
252.125


 91, 16.428,
252.125

 51, 16.428,
252.125

 41, 16.428,
252.125

 31, 16.428,
252.125

 21, 16.428,
252.125

 11, 16.428,
252.125

 1, 16.428, 252.125

■ 0, 16.428, 252.125

■ 71, 16.428,
252.125

■ 71, 16.428,
252.125

■ 67, 22.124,
254.109

■ 75, 10.532,
250.483

■ 64, 27.592,
256.510

■ 78, 4.477, 249.163

■ 60, 32.813,
259.394

■ 82, 1.700, 67.675

■ 86, 7.964, 66.905

■ 57, 37.801,
262.817

■ 90, 14.286, 66.112

■ 54, 42.607,
266.797

■ 93, 17.515, 77.080

■ 95, 20.121, 91.590

■ 51, 47.331,
271.286

■ 97, 23.691,

■ 48, 52.110,
276.110

102.139

■ 47, 53.468,
277.386

■ 99, 26.850,
108.139

Harmonies

Complementary

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



71, 16.428, 252.125



72, 18.236, 65.187

Rectangle

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



71, 16.428, 252.125



71, 16.428, 302.125



71, 16.428, 72.125



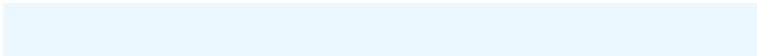
71, 16.428, 122.125

Sweetspot

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



71, 16.427, 252.121



96, 5.966, 249.261



77, 26.182, 157.857



51, 4.233, 249.445



0, 0.000, 0.000



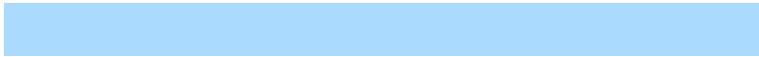
53, 0.007, 296.813

Same Dimension

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



71, 16.427, 252.121



85, 23.840, 253.308



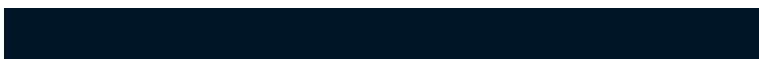
64, 28.675, 290.773



41, 3.524, 249.416



39, 45.626, 276.638



6, 13.976, 264.676

Inverse Universe

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



67, 26.758, 342.672



79, 39.200, 343.297



79, 27.120, 104.573



40, 5.548, 341.064



36, 62.475, 355.779



4, 20.635, 349.486

Previews

White Background



This preview shows how the CIELCh color 71, 16.428, 252.125 looks on a white background.

Color Contrast Check

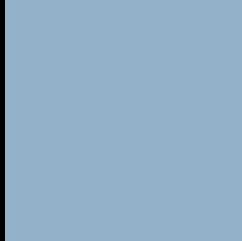
Large Text (above 18pt) WCAG AA × Fail

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 71, 16.428, 252.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

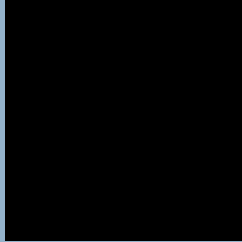
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

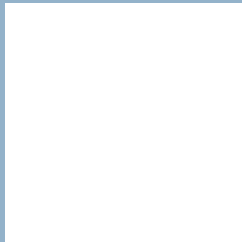
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 16.428, 252.125

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.428, 252.125.

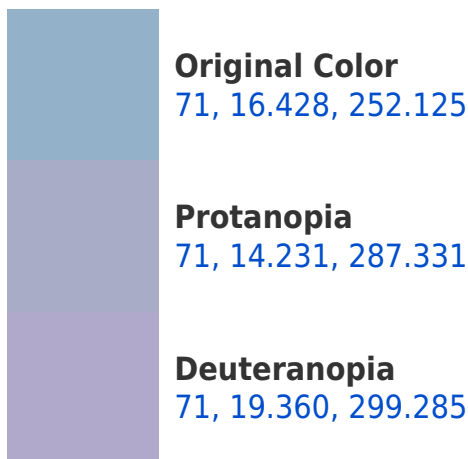


This preview shows how white text looks on a background with the CIELCh color 71, 16.428, 252.125.

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





Tritanopia
71, 13.710, 232.727

Trichromacy



Original Color
71, 16.428, 252.125

Protanomaly
71, 14.262, 273.124

Deuteranomaly
71, 17.061, 283.716

Tritanomaly
71, 14.319, 239.349

Monochromacy



Original Color
71, 16.428, 252.125

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.265, 251.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.428, 252.125 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, 178, 202)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 202)  
}
```

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, 178, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.428, 252.125 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, 178, 202) }
```

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

```
.border{ border-color:rgb(147, 178, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 178, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 202);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.428, 252.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 202) }
```

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

```
.background{ background-color: rgb(147,  
178, 202) }
```

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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