

Converting Colors

CIELCh(71, 21.313, 254.027)

Have a look what the booklet for
CIELCh(71, 21.313, 254.027)
contains.

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Color

CIELCh(71, 21.430, 253.820)

Conversions

Conversions Part 1

Format	Color
Hex	8AB3D3
RGB	138, 179, 211
RGB Percent	54%, 70%, 83%
CMY	0.4600, 0.2992, 0.1737
CMYK	0.35, 0.15, 0.00, 0.17
HSL	206°, 45%, 68%
HSV	206°, 35%, 83%
XYZ	38.2127, 42.1875, 67.5559
YIQ	170.3890, -34.7080, 1.2600

Conversions

Conversions Part 2

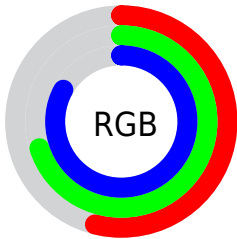
Format	Color
RYB	138, 164, 211
Decimal	9090003
CIELab	71.00, -5.97, -20.58
CIElCh	71, 21.430, 253.820
Yxy	42.1875, 0.2583, 0.2851
Android (android.graphics.Color)	4287280083 (0xFF8AB3D3)
YUV	170.3890, 20.0212, -28.4052
Hunter-Lab	64.9519, -8.6502, -16.2007

Details

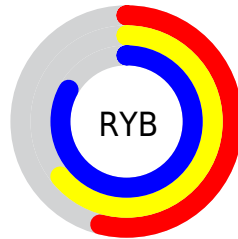
The CIELCh color **71, 21.430, 253.820** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72, 24.554, 64.589**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 16.863, 236.892**, and **51, 21.366, 254.082** is the 20% darker color. If you saturate the color by 10%, you get **67, 27.171, 256.119**, and if you desaturate by 10%, it is **75, 15.459, 251.915**.

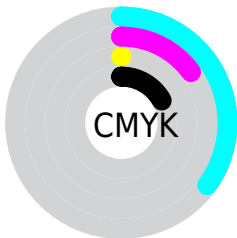
Distribution



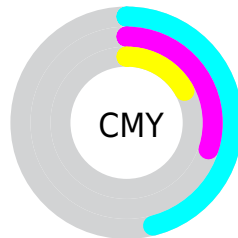
- Red (54%)
- Green (70%)
- Blue (83%)



- Red (54%)
- Yellow (64%)
- Blue (83%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 21.430, 253.820 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, 21.430, 253.820 by changing the saturation by 10% instead.

■ 71, 21.430,
253.820

■ 71, 21.430,
253.820

■ 100, 21.430,
253.820

■ 61, 21.430,
253.820

■ 91, 21.430,
253.820

■ 51, 21.430,
253.820

■ 41, 21.430,
253.820

■ 31, 21.430,
253.820

■ 21, 21.430,
253.820

■ 11, 21.430,
253.820

■ 1, 21.430, 253.820

0, 21.430, 253.820

71, 21.430,
253.820

71, 21.430,
253.820

67, 27.171,
256.119

75, 15.459,
251.915

64, 32.664,
258.889

79, 9.296, 250.349

60, 37.912,
262.187

83, 2.980, 249.130

87, 3.452, 67.757

57, 42.958,
266.044

91, 9.964, 66.910

54, 47.895,
270.429

94, 14.346, 76.213

96, 17.199, 94.217

51, 52.854,
275.217

98, 21.214,

■ 49, 55.594,
277.772

106.125

■ 99, 22.380,
108.482

Harmonies

Complementary

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



71, 21.430, 253.820



72, 24.554, 64.589

Rectangle

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



71, 21.430, 253.820



71, 21.430, 303.820



71, 21.430, 73.820



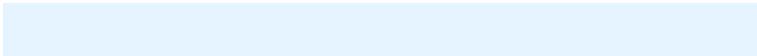
71, 21.430, 123.820

Sweetspot

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



71, 21.429, 253.818



95, 7.449, 249.742



79, 34.298, 157.051



50, 5.075, 249.925



0, 0.000, 0.000



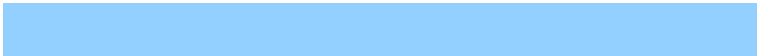
53, 0.007, 296.813

Same Dimension

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



71, 21.429, 253.818



81, 29.956, 255.580



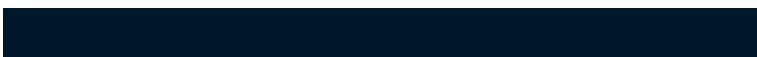
61, 38.321, 291.997



42, 3.601, 249.654



39, 46.377, 276.942



7, 14.893, 265.476

Inverse Universe

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



66, 35.194, 343.537



74, 49.598, 344.413



82, 35.567, 103.799



41, 5.654, 341.165



36, 63.127, 356.001



5, 22.516, 349.876

Previews

White Background



This preview shows how the CIE LCh color 71, 21.430, 253.820 looks on a white background.

Color Contrast Check

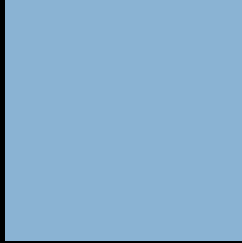
Large Text (above 18pt) WCAG AA × Fail

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 71, 21.430, 253.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

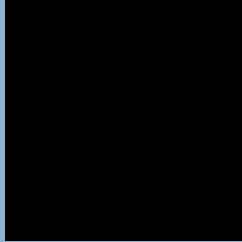
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

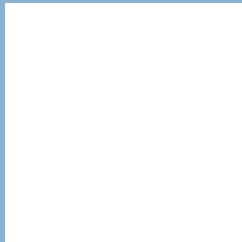
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 21.430, 253.820

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.430, 253.820.



This preview shows how white text looks on a background with the CIELCh color 71, 21.430, 253.820.

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

71, 21.430, 253.820

Protanopia

71, 18.646, 285.670

Deuteranopia

71, 23.521, 292.460



Tritanopia
71, 17.367, 226.675

Trichromacy



Original Color
71, 21.430, 253.820

Protanomaly
71, 19.345, 273.816

Deuteranomaly
71, 21.735, 278.984

Tritanomaly
71, 18.346, 237.461

Monochromacy



Original Color
71, 21.430, 253.820

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.371, 251.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.430, 253.820 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(138, 179, 211)` looks like.

```
.text, #text, p{  
    color:rgb(138, 179, 211)  
}
```

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(138, 179, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 179, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.430, 253.820 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(138, 179, 211) }
```

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

```
.border{ border-color:rgb(138, 179, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 179, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 179, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 179, 211);  
box-shadow:4px 4px 4px 4px rgb(138, 179,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.430, 253.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 179, 211) }
```

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

```
.background{ background-color: rgb(138,  
179, 211) }
```

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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