

Converting Colors

CIELCh(73, 26.384, 252.951)

Have a look what the booklet for
CIELCh(73, 26.384, 252.951)
contains.

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Color

CIELCh(73, 26.380, 252.462)

Conversions

Conversions Part 1

Format	Color
Hex	83BAE1
RGB	131, 186, 225
RGB Percent	51%, 73%, 88%
CMY	0.4878, 0.2721, 0.1192
CMYK	0.42, 0.17, 0.00, 0.12
HSL	205°, 61%, 70%
HSV	205°, 42%, 88%
XYZ	40.3137, 45.1644, 77.5407
YIQ	174.0010, -45.2990, 0.4690

Conversions

Conversions Part 2

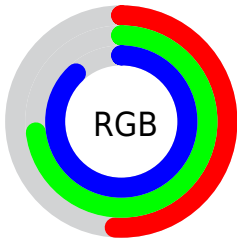
Format	Color
RYB	131, 166, 225
Decimal	8633057
CIELab	73.00, -7.95, -25.15
CIELCh	73, 26.380, 252.462
Yxy	45.1644, 0.2473, 0.2771
Android (android.graphics.Color)	4286823137 (0xFF83BAE1)
YUV	174.0010, 25.1425, -37.7119
Hunter-Lab	67.2044, -10.5316, -21.3658

Details

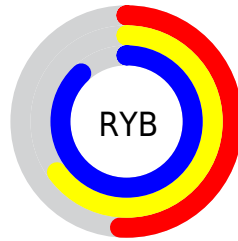
The CIELCh color **73, 26.380, 252.462** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 31.835, 61.319**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.756, 219.510**, and **53, 26.483, 252.892** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.993, 255.062**, and if you desaturate by 10%, it is **77, 20.457, 250.318**.

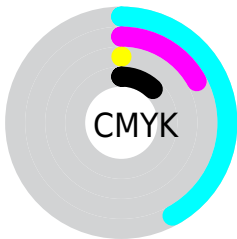
Distribution



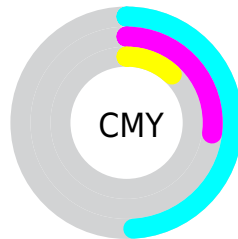
- Red (51%)
- Green (73%)
- Blue (88%)



- Red (51%)
- Yellow (65%)
- Blue (88%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 26.380, 252.462 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 73, 26.380, 252.462 by changing the saturation by 10% instead.

■ 73, 26.380,
252.462

■ 73, 26.380,
252.462

■ 100, 26.380,
252.462

■ 63, 26.380,
252.462

■ 93, 26.380,
252.462

■ 53, 26.380,
252.462

■ 43, 26.380,
252.462

■ 33, 26.380,
252.462

■ 23, 26.380,
252.462

■ 13, 26.380,
252.462

■ 3, 26.380, 252.462

0, 26.380, 252.462

73, 26.380,
252.462

73, 26.380,
252.462

69, 31.993,
255.062

77, 20.457,
250.318

66, 37.289,
258.194

81, 14.263,
248.560

62, 42.295,
261.907

85, 7.841, 247.132

59, 47.091,
266.200

89, 1.241, 246.248

56, 51.814,
270.985

93, 5.494, 64.780

54, 55.753,
275.023

96, 9.934, 79.702

98, 13.388,
102.619

■ 99, 15.379,
109.015

Harmonies

Complementary

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



73, 26.380, 252.462



74, 31.835, 61.319

Rectangle

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



73, 26.380, 252.462



73, 26.380, 302.462



73, 26.380, 72.462



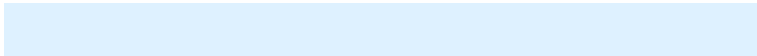
73, 26.380, 122.462

Sweetspot

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



73, 26.379, 252.461



94, 9.523, 247.293



83, 44.491, 154.663



49, 6.644, 247.592



0, 0.000, 0.000



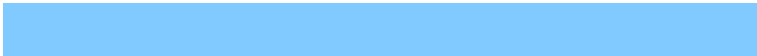
53, 0.007, 296.813

Same Dimension

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



73, 26.379, 252.461



79, 34.314, 254.642



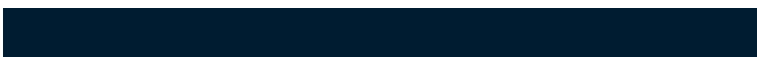
61, 47.615, 291.927



45, 3.768, 246.837



43, 45.825, 274.146



10, 16.493, 264.203

Inverse Universe

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



66, 45.241, 343.090



70, 59.193, 344.103



85, 43.651, 101.325



44, 6.092, 340.016



38, 65.786, 354.053



7, 27.477, 348.589

Previews

White Background



This preview shows how the CIELCh color 73, 26.380, 252.462 looks on a white background.

Color Contrast Check

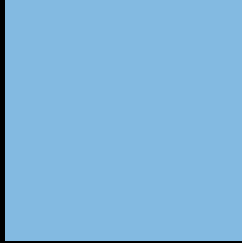
Large Text (above 18pt) WCAG AA × Fail

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 73, 26.380, 252.462 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 73, 26.380, 252.462

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.380, 252.462.



This preview shows how white text looks on a background with the CIELCh color 73, 26.380, 252.462.

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

73, 26.380, 252.462

Protanopia

73, 22.374, 285.437

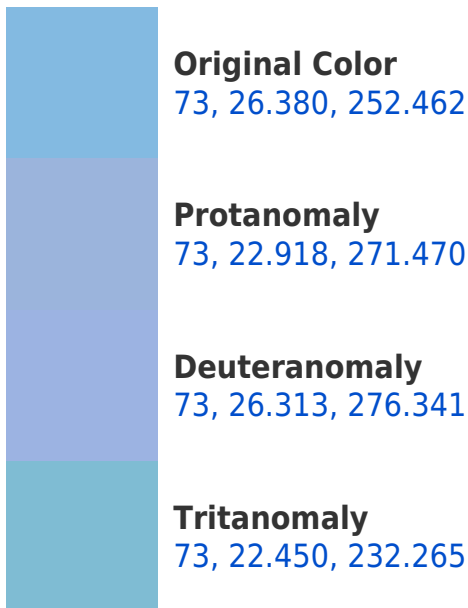
Deuteranopia

73, 28.279, 290.203

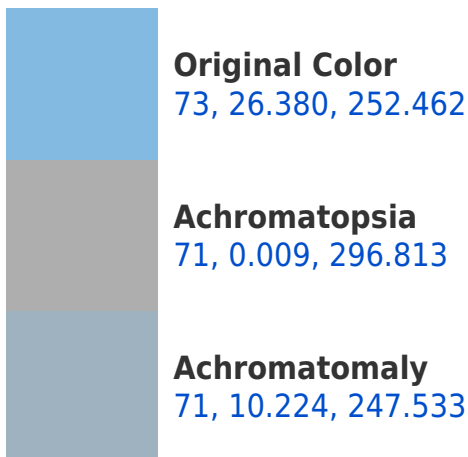


Tritanopia
73, 21.714, 220.202

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.380, 252.462 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(131, 186, 225)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 225)  
}
```

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(131, 186, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.380, 252.462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

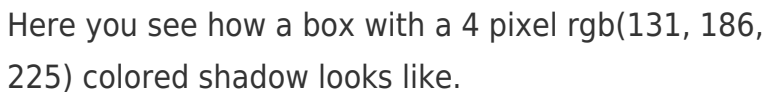
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 186, 225) }
```

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

```
.border{ border-color:rgb(131, 186, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 186, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 225);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.380, 252.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 186, 225) }
```

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

```
.background{ background-color: rgb(131,  
186, 225) }
```

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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