

Converting Colors

CIELCh(73, 18.852, 220.095)

Have a look what the booklet for
CIELCh(73, 18.852, 220.095)
contains.

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Color

CIELCh(73, 18.852, 220.316)

Conversions

Conversions Part 1

Format	Color
Hex	86BCC9
RGB	134, 188, 201
RGB Percent	53%, 74%, 79%
CMY	0.4751, 0.2633, 0.2124
CMYK	0.33, 0.06, 0.00, 0.21
HSL	192°, 38%, 66%
HSV	192°, 33%, 79%
XYZ	38.2804, 45.1644, 61.8600
YIQ	173.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

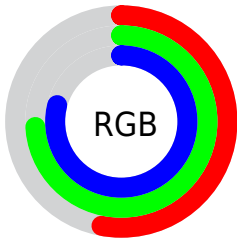
Format	Color
RYB	134, 164, 201
Decimal	8830153
CIELab	73.00, -14.37, -12.20
CIElCh	73, 18.852, 220.316
Yxy	45.1644, 0.2634, 0.3108
Android (android.graphics.Color)	4287020233 (0xFF86BCC9)
YUV	173.3360, 13.6384, -34.4977
Hunter-Lab	67.2044, -15.9321, -7.5318

Details

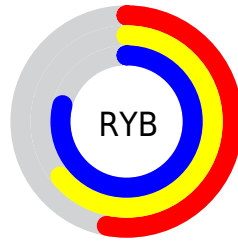
The CIELCh color **73, 18.852, 220.316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 23.833, 38.682**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.503, 216.348**, and **53, 18.898, 219.556** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.469, 221.222**, and if you desaturate by 10%, it is **75, 13.685, 219.660**.

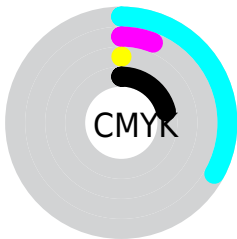
Distribution



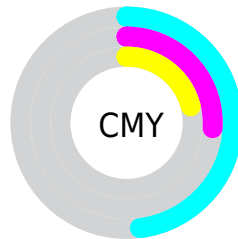
- Red (53%)
- Green (74%)
- Blue (79%)



- Red (53%)
- Yellow (64%)
- Blue (79%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)





- Cyan (48%)
- Magenta (26%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 18.852, 220.316 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, 18.852, 220.316 by changing the saturation by 10% instead.


 73, 18.852,
220.316


 73, 18.852,
220.316


 100, 18.852,
220.316


 63, 18.852,
220.316


 93, 18.852,
220.316

 53, 18.852,
220.316

 43, 18.852,
220.316

 33, 18.852,
220.316

 23, 18.852,
220.316

 13, 18.852,
220.316

 3, 18.852, 220.316

0, 18.852, 220.316

73, 18.852,
220.316

73, 18.852,
220.316

71, 23.469,
221.222

75, 13.685,
219.660

69, 27.447,
222.452

78, 8.064, 219.226

67, 30.712,
224.073

80, 2.078, 219.116

83, 4.192, 38.539

65, 33.223,
226.167

85, 10.677, 38.530

64, 34.991,
228.815

88, 17.318, 38.533

89, 16.950, 46.084

63, 36.100,
232.076

90, 16.681, 54.282

■ 62, 36.622,
234.495

■ 91, 16.767, 62.556

Harmonies

Complementary

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



73, 18.852, 220.316



66, 23.833, 38.682

Rectangle

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



73, 18.852, 220.316



73, 18.852, 270.316



73, 18.852, 40.316



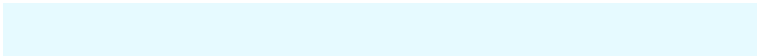
73, 18.852, 90.316

Sweetspot

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



73, 18.852, 220.312



97, 7.392, 219.133



75, 38.543, 147.382



51, 5.024, 219.171



0, 0.000, 0.000



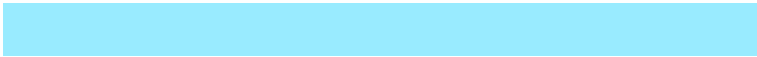
53, 0.007, 296.813

Same Dimension

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



73, 18.852, 220.312



89, 26.622, 220.939



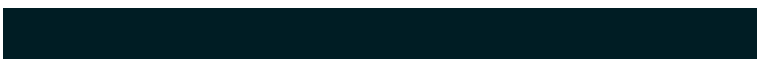
64, 26.180, 277.663



41, 3.433, 219.115



51, 31.356, 233.862



9, 11.184, 225.178

Inverse Universe

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



64, 38.387, 332.452



76, 55.524, 332.947



74, 26.182, 88.171



39, 6.453, 330.868



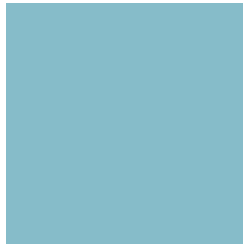
37, 71.282, 337.685



4, 22.567, 334.724

Previews

White Background



This preview shows how the CIELCh color 73, 18.852, 220.316 looks on a white background.

Color Contrast Check

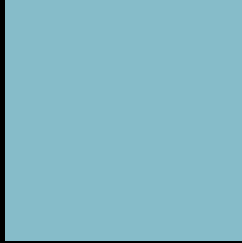
Large Text (above 18pt) WCAG AA × Fail

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 73, 18.852, 220.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

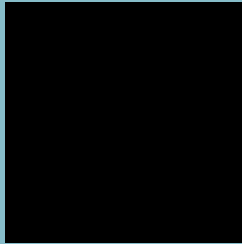
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

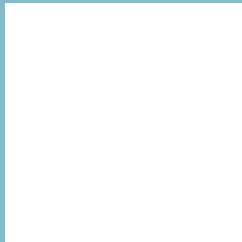
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 18.852, 220.316

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.852, 220.316.

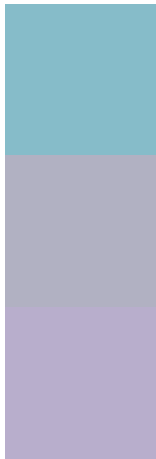


This preview shows how white text looks on a background with the CIELCh color 73, 18.852, 220.316.

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, 18.852, 220.316

Protanopia
73, 9.247, 291.075

Deuteranopia
73, 16.768, 303.896



Tritanopia
73, 19.154, 223.544

Trichromacy



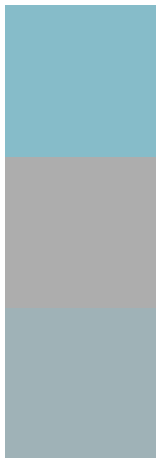
Original Color
73, 18.852, 220.316

Protanomaly
73, 10.587, 249.629

Deuteranomaly
73, 13.682, 272.240

Tritanomaly
73, 18.996, 221.942

Monochromacy



Original Color
73, 18.852, 220.316

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.296, 220.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.852, 220.316 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(134, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(134, 188, 201)  
}
```

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(134, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 188, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.852, 220.316 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(134, 188, 201) }
```

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

```
.border{ border-color:rgb(134, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(134, 188,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.852, 220.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 188, 201) }
```

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

```
.background{ background-color: rgb(134,  
188, 201) }
```

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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