

Converting Colors

CIELCh(73, 19.894, 218.934)

Have a look what the booklet for
CIELCh(73, 19.894, 218.934)
contains.

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Color

CIELCh(73, 19.920, 219.003)

Conversions

Conversions Part 1

Format	Color
Hex	82BCC9
RGB	130, 188, 201
RGB Percent	51%, 74%, 79%
CMY	0.4885, 0.2611, 0.2101
CMYK	0.35, 0.06, 0.00, 0.21
HSL	191°, 40%, 65%
HSV	191°, 35%, 79%
XYZ	37.9376, 45.1644, 62.2412
YIQ	172.1400, -38.7410, -8.2530

Conversions

Conversions Part 2

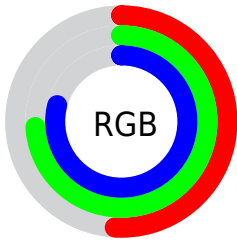
Format	Color
RYB	130, 162, 201
Decimal	8568009
CIELab	73.00, -15.48, -12.54
CIElCh	73, 19.920, 219.003
Yxy	45.1644, 0.2610, 0.3107
Android (android.graphics.Color)	4286758089 (0xFF82BCC9)
YUV	172.1400, 14.2280, -36.9568
Hunter-Lab	67.2044, -16.8428, -7.8681

Details

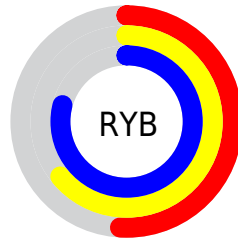
The CIELCh color **73, 19.920, 219.003** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 25.621, 37.685**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 19.627, 215.224**, and **53, 19.881, 218.352** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.441, 219.879**, and if you desaturate by 10%, it is **75, 14.820, 218.376**.

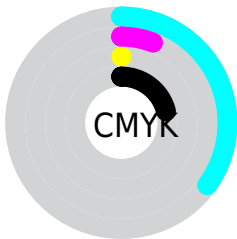
Distribution



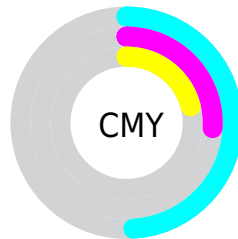
- Red (51%)
- Green (74%)
- Blue (79%)



- Red (51%)
- Yellow (64%)
- Blue (79%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)





- Cyan (49%)
- Magenta (26%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.920, 219.003 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, 19.920, 219.003 by changing the saturation by 10% instead.


 73, 19.920,
219.003


 73, 19.920,
219.003


 100, 19.920,
219.003


 63, 19.920,
219.003


 93, 19.920,
219.003

 53, 19.920,
219.003

 43, 19.920,
219.003

 33, 19.920,
219.003

 23, 19.920,
219.003

 13, 19.920,
219.003

 3, 19.920, 219.003

0, 19.920, 219.003

73, 19.920,
219.003

73, 19.920,
219.003

71, 24.441,
219.879

75, 14.820,
218.376

69, 28.293,
221.075

77, 9.237, 217.965

67, 31.403,
222.657

80, 3.265, 217.797

82, 3.012, 37.291

66, 33.738,
224.704

85, 9.519, 37.355

64, 35.317,
227.292

88, 16.196, 37.390

89, 16.917, 43.390

63, 36.234,
230.474

90, 16.546, 51.138

■ 62, 36.561,
232.109

■ 91, 16.493, 59.077

Harmonies

Complementary

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



73, 19.920, 219.003



65, 25.621, 37.685

Rectangle

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



73, 19.920, 219.003



73, 19.920, 269.003



73, 19.920, 39.003



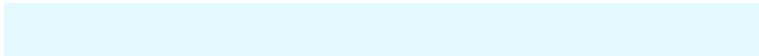
73, 19.920, 89.003

Sweetspot

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



73, 19.920, 218.999



97, 8.159, 217.855



75, 41.290, 146.654



51, 5.462, 217.888



0, 0.000, 0.000



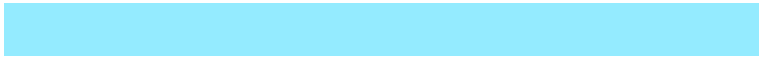
53, 0.007, 296.813

Same Dimension

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



73, 19.920, 218.999



89, 27.825, 219.616



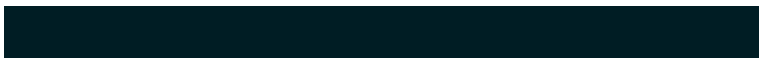
63, 27.204, 276.794



41, 3.454, 217.821



51, 31.249, 231.504



9, 11.224, 223.246

Inverse Universe

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



64, 40.918, 332.179



75, 58.578, 332.675



73, 27.399, 86.568



39, 6.503, 330.489



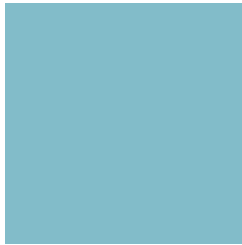
37, 71.861, 337.046



4, 22.787, 334.198

Previews

White Background



This preview shows how the CIELCh color 73, 19.920, 219.003 looks on a white background.

Color Contrast Check

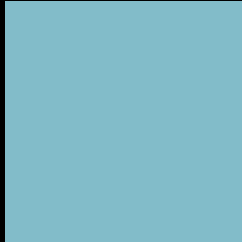
Large Text (above 18pt) WCAG AA × Fail

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, 19.920, 219.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

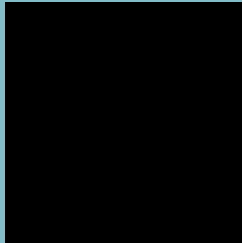
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

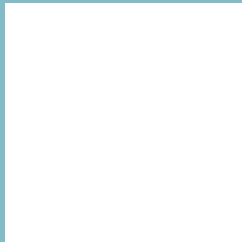
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 19.920, 219.003

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.920, 219.003.

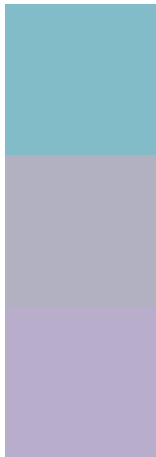


This preview shows how white text looks on a background with the CIELCh color 73, 19.920, 219.003.

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, 19.920, 219.003

Protanopia
73, 9.247, 291.075

Deuteranopia
73, 16.768, 303.896



Tritanopia
73, 19.932, 222.440

Trichromacy



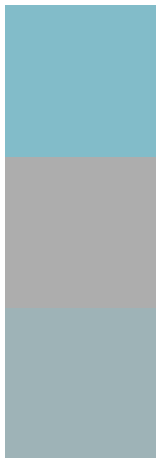
Original Color
73, 19.920, 219.003

Protanomaly
73, 11.196, 250.239

Deuteranomaly
73, 13.787, 270.898

Tritanomaly
73, 19.787, 220.889

Monochromacy



Original Color
73, 19.920, 219.003

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.799, 215.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.920, 219.003 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(130, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 188, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.920, 219.003 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(130, 188, 201) }
```

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

```
.border{ border-color:rgb(130, 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(130, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(130, 188,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.920, 219.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 188, 201) }
```

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

```
.background{ background-color: rgb(130,  
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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