

Converting Colors

CIELCh(73, 17.399, 226.051)

Have a look what the booklet for
CIELCh(73, 17.399, 226.051)
contains.

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Color

CIELCh(73, 17.586, 226.108)

Conversions

Conversions Part 1

Format	Color
Hex	8BBBCA
RGB	139, 187, 202
RGB Percent	55%, 73%, 79%
CMY	0.4558, 0.2676, 0.2088
CMYK	0.31, 0.07, 0.00, 0.21
HSL	194°, 37%, 67%
HSV	194°, 31%, 79%
XYZ	38.9631, 45.1644, 62.3948
YIQ	174.3580, -33.4230, -5.5110

Conversions

Conversions Part 2

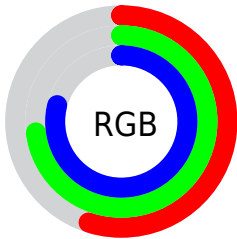
Format	Color
RYB	139, 166, 202
Decimal	9157578
CIELab	73.00, -12.19, -12.67
CIELCh	73, 17.586, 226.108
Yxy	45.1644, 0.2659, 0.3082
Android (android.graphics.Color)	4287347658 (0xFF8BBBCA)
YUV	174.3580, 13.6275, -31.0090
Hunter-Lab	67.2044, -14.1189, -8.0036

Details

The CIELCh color **73, 17.586, 226.108** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 21.664, 43.112**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.941, 220.060**, and **53, 17.698, 225.480** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.338, 227.278**, and if you desaturate by 10%, it is **76, 12.347, 225.222**.

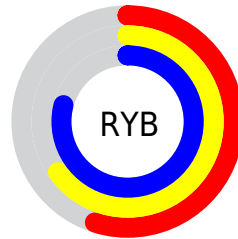
Distribution



Red (55%)

Green (73%)

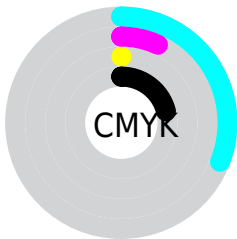
Blue (79%)



Red (55%)

Yellow (65%)

Blue (79%)

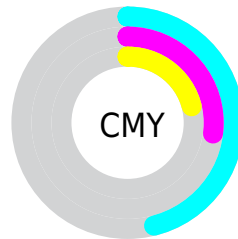


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (46%)


Magenta (27%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.586, 226.108 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, 17.586, 226.108 by changing the saturation by 10% instead.


 73, 17.586,
226.108


 73, 17.586,
226.108


 100, 17.586,
226.108


 63, 17.586,
226.108


 93, 17.586,
226.108

 53, 17.586,
226.108

 43, 17.586,
226.108

 33, 17.586,
226.108

 23, 17.586,
226.108

 13, 17.586,
226.108

 3, 17.586, 226.108

0, 17.586, 226.108

73, 17.586,
226.108

73, 17.586,
226.108

71, 22.338,
227.278

76, 12.347,
225.222

68, 26.521,
228.813

78, 6.708, 224.591

66, 30.067,
230.793

81, 0.748, 224.735

84, 5.460, 43.569

64, 32.938,
233.308

87, 11.855, 43.377

62, 35.148,
236.444

89, 16.661, 45.654

90, 16.364, 55.963

61, 36.780,
240.258

91, 16.616, 66.277

■ 59, 37.931,
244.047

■ 93, 17.387, 75.945

Harmonies

Complementary

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



73, 17.586, 226.108



68, 21.664, 43.112

Rectangle

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



73, 17.586, 226.108



73, 17.586, 276.108



73, 17.586, 46.108



73, 17.586, 96.108

Sweetspot

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



73, 17.586, 226.104



97, 6.540, 224.492



76, 34.924, 149.286



51, 4.528, 224.560



0, 0.000, 0.000



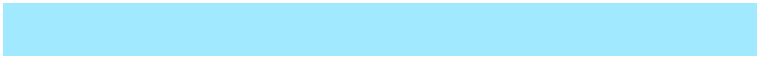
53, 0.007, 296.813

Same Dimension

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



73, 17.586, 226.104



88, 24.618, 226.804



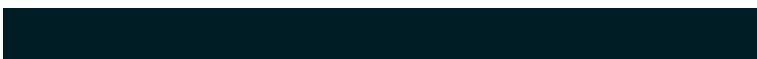
64, 26.112, 280.755



42, 3.437, 224.505



49, 32.670, 243.344



9, 11.766, 232.943

Inverse Universe

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



65, 35.022, 333.987



78, 50.001, 334.450



75, 25.670, 92.246



40, 6.386, 332.466



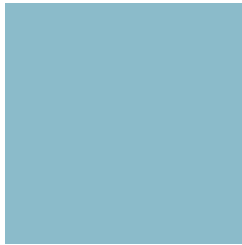
37, 69.821, 340.439



5, 23.898, 337.297

Previews

White Background



This preview shows how the CIE LCh color 73, 17.586, 226.108 looks on a white background.

Color Contrast Check

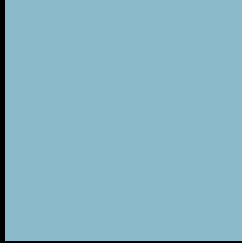
Large Text (above 18pt) WCAG AA × Fail

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, 17.586, 226.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

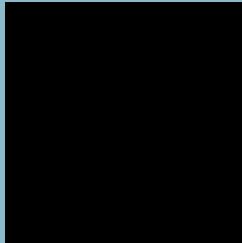
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.586, 226.108

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.586, 226.108.



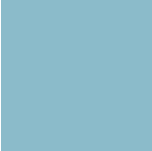
This preview shows how white text looks on a background with the CIELCh color 73, 17.586, 226.108.

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
73, 17.586, 226.108

Trichromacy



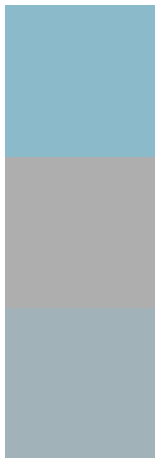
Original Color
73, 17.586, 226.108

Protanomaly
73, 11.020, 256.318

Deuteranomaly
73, 13.492, 274.996

Tritanomaly
73, 17.586, 226.108

Monochromacy



Original Color
73, 17.586, 226.108

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.967, 222.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.586, 226.108 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(139, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(139, 187, 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(139, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 187, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.586, 226.108 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(139, 187, 202) }
```

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

```
.border{ border-color:rgb(139, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(139, 187,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.586, 226.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 187, 202) }
```

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

```
.background{ background-color: rgb(139,  
187, 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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