

Converting Colors

CIELCh(71, 17.798, 229.791)

Have a look what the booklet for
CIELCh(71, 17.798, 229.791)
contains.

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Color

CIELCh(71, 17.791, 230.041)

Conversions

Conversions Part 1

Format	Color
Hex	86B5C6
RGB	134, 181, 198
RGB Percent	53%, 71%, 78%
CMY	0.4745, 0.2902, 0.2236
CMYK	0.32, 0.09, 0.00, 0.22
HSL	196°, 36%, 65%
HSV	196°, 32%, 78%
XYZ	36.5432, 42.1875, 59.6367
YIQ	168.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

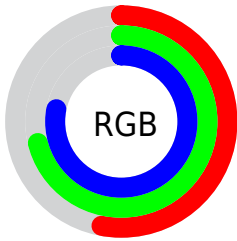
Format	Color
RYB	134, 161, 198
Decimal	8828358
CIELab	71.00, -11.43, -13.64
CIElCh	71, 17.791, 230.041
Yxy	42.1875, 0.2641, 0.3049
Android (android.graphics.Color)	4287018438 (0xFF86B5C6)
YUV	168.8850, 14.3537, -30.5941
Hunter-Lab	64.9519, -13.2383, -8.9718

Details

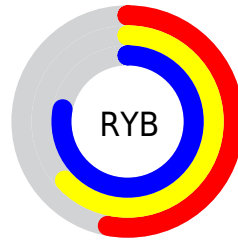
The CIELCh color **71, 17.791, 230.041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 21.919, 45.986**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.825, 230.318**, and **51, 17.638, 230.291** is the 20% darker color. If you saturate the color by 10%, you get **68, 22.451, 231.439**, and if you desaturate by 10%, it is **74, 12.675, 228.958**.

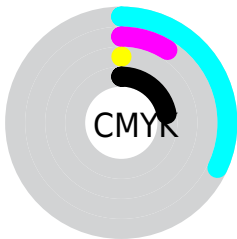
Distribution



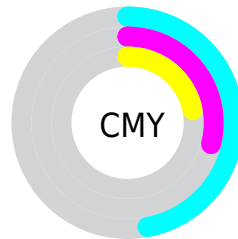
- Red (53%)
- Green (71%)
- Blue (78%)



- Red (53%)
- Yellow (63%)
- Blue (78%)



- Cyan (32%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (47%)
- Magenta (29%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.791, 230.041 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, 17.791, 230.041 by changing the saturation by 10% instead.


 71, 17.791,
230.041


 71, 17.791,
230.041


 100, 17.791,
230.041


 61, 17.791,
230.041


 91, 17.791,
230.041

 51, 17.791,
230.041

 41, 17.791,
230.041

 31, 17.791,
230.041

 21, 17.791,
230.041

 11, 17.791,
230.041

 1, 17.791, 230.041

0, 17.791, 230.041

71, 17.791,
230.041

71, 17.791,
230.041

68, 22.451,
231.439

74, 12.675,
228.958

66, 26.582,
233.240

76, 7.182, 228.151

64, 30.127,
235.528

79, 1.387, 227.812

82, 4.645, 46.842

62, 33.064,
238.394

85, 10.855, 46.542

60, 35.422,
241.918

88, 17.195, 46.291

90, 17.620, 55.577

58, 37.301,
246.134

91, 17.869, 66.074

■ 57, 38.587,
249.686

■ 92, 18.699, 75.924

Harmonies

Complementary

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



71, 17.791, 230.041



66, 21.919, 45.986

Rectangle

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



71, 17.791, 230.041



71, 17.791, 280.041



71, 17.791, 50.041



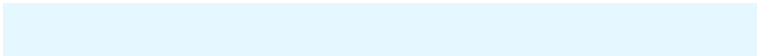
71, 17.791, 100.041

Sweetspot

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



71, 17.791, 230.037



97, 7.193, 228.011



75, 35.151, 149.774



51, 4.891, 228.101



0, 0.000, 0.000



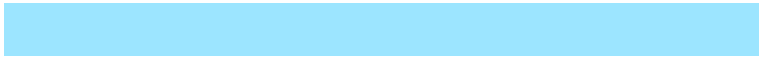
53, 0.007, 296.813

Same Dimension

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



71, 17.791, 230.037



87, 25.678, 231.019



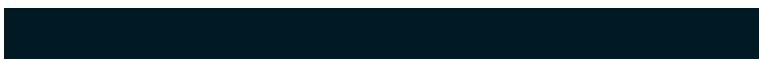
62, 27.214, 282.036



41, 3.340, 227.966



47, 33.275, 248.937



8, 11.185, 238.509

Inverse Universe

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



64, 35.025, 335.177



76, 51.631, 335.743



74, 26.586, 93.296



39, 6.132, 333.515



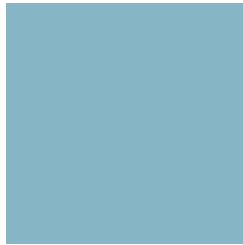
36, 67.736, 342.254



4, 21.185, 338.528

Previews

White Background



This preview shows how the CIELCh color 71, 17.791, 230.041 looks on a white background.

Color Contrast Check

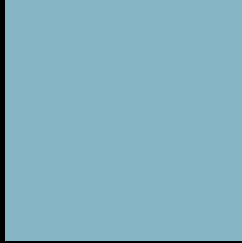
Large Text (above 18pt) WCAG AA × Fail

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, 17.791, 230.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

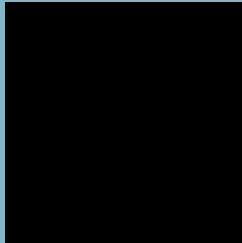
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.791, 230.041

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.791, 230.041.



This preview shows how white text looks on a background with the CIELCh color 71, 17.791, 230.041.

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, 17.791, 230.041

Protanopia

71, 10.935, 289.385

Deuteranopia

71, 17.793, 300.987



Tritanopia
71, 17.629, 226.200

Trichromacy



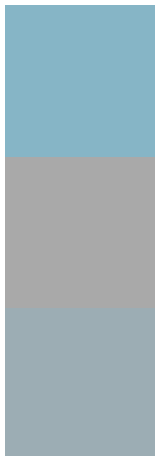
Original Color
71, 17.791, 230.041

Protanomaly
71, 11.810, 261.030

Deuteranomaly
71, 15.222, 275.841

Tritanomaly
71, 17.829, 227.885

Monochromacy



Original Color
71, 17.791, 230.041

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 7.149, 231.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.791, 230.041 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, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(134, 181, 198)  
}
```

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, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 181, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.791, 230.041 is called "border". The border property can be set on classes, ids or directly on the HTML element.

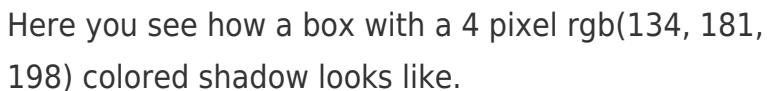
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 181, 198) }
```

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

```
.border{ border-color:rgb(134, 181, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 181, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 181, 198);  
box-shadow:4px 4px 4px 4px rgb(134, 181,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.791, 230.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 181, 198) }
```

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

```
.background{ background-color: rgb(134,  
181, 198) }
```

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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