

Converting Colors

CIELCh(71, 13.640, 215.884)

Have a look what the booklet for
CIELCh(71, 13.640, 215.884)
contains.

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Color

CIELCh(71, 13.688, 217.173)

Conversions

Conversions Part 1

Format	Color
Hex	8EB4BC
RGB	142, 180, 188
RGB Percent	56%, 71%, 74%
CMY	0.4420, 0.2929, 0.2615
CMYK	0.24, 0.04, 0.00, 0.26
HSL	190°, 26%, 65%
HSV	190°, 24%, 74%
XYZ	36.7000, 42.1875, 53.9599
YIQ	169.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

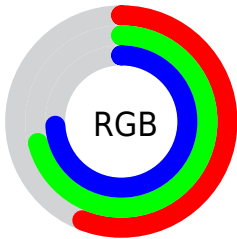
Format	Color
RYB	142, 163, 188
Decimal	9352380
CIELab	71.00, -10.91, -8.27
CIELCh	71, 13.688, 217.173
Yxy	42.1875, 0.2763, 0.3176
Android (android.graphics.Color)	4287542460 (0xFF8EB4BC)
YUV	169.5500, 9.0958, -24.1614
Hunter-Lab	64.9519, -12.8074, -3.7898

Details

The CIELCh color **71, 13.688, 217.173** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 16.157, 36.504**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.562, 216.532**, and **51, 13.791, 218.091** is the 20% darker color. If you saturate the color by 10%, you get **69, 18.583, 217.705**, and if you desaturate by 10%, it is **73, 8.341, 216.828**.

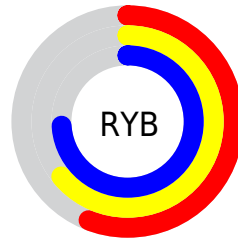
Distribution



Red (56%)

Green (71%)

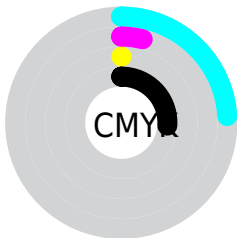
Blue (74%)



Red (56%)

Yellow (64%)

Blue (74%)

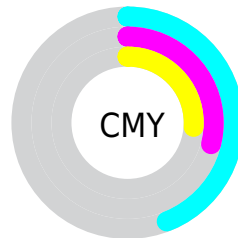


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (44%)


Magenta (29%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.688, 217.173 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, 13.688, 217.173 by changing the saturation by 10% instead.


 71, 13.688,
217.173


 71, 13.688,
217.173


 100, 13.688,
217.173


 61, 13.688,
217.173


 91, 13.688,
217.173

 51, 13.688,
217.173

 41, 13.688,
217.173

 31, 13.688,
217.173

 21, 13.688,
217.173

 11, 13.688,
217.173

 1, 13.688, 217.173

0, 13.688, 217.173

71, 13.688,
217.173

71, 13.688,
217.173

69, 18.583,
217.705

73, 8.341, 216.828

75, 2.629, 216.747

67, 22.932,
218.481

78, 3.368, 36.287

65, 26.649,
219.550

80, 9.580, 36.371

64, 29.662,
220.977

83, 15.948, 36.442

85, 22.317, 36.624

62, 31.933,
222.835

86, 21.679, 41.648

61, 33.470,
225.197

87, 21.223, 46.933

■ 60, 34.351,
228.121

■ 87, 20.958, 52.399

■ 59, 34.693,
229.904

Harmonies

Complementary

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



71, 13.688, 217.173



65, 16.157, 36.504

Rectangle

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



71, 13.688, 217.173



71, 13.688, 267.173



71, 13.688, 37.173



71, 13.688, 87.173

Sweetspot

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



71, 13.688, 217.167



94, 5.104, 216.719



72, 27.173, 147.669



50, 3.310, 216.721



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 13.688, 217.167



89, 19.748, 217.411



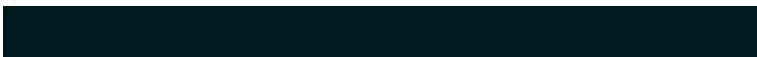
65, 17.694, 274.701



39, 3.326, 216.734



50, 30.474, 229.406



7, 9.596, 223.980

Inverse Universe

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



65, 27.121, 331.129



79, 39.809, 331.455



71, 17.791, 88.029



37, 6.267, 330.168



36, 70.713, 336.489



3, 18.085, 332.816

Previews

White Background



This preview shows how the CIELCh color 71, 13.688, 217.173 looks on a white background.

Color Contrast Check

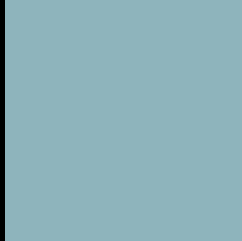
Large Text (above 18pt) WCAG AA × Fail

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, 13.688, 217.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

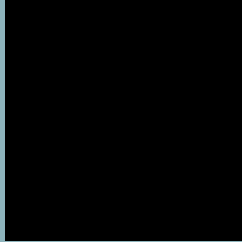
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

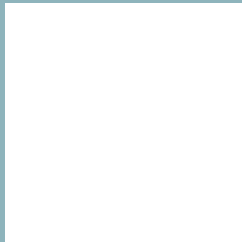
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.688, 217.173

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.688, 217.173.

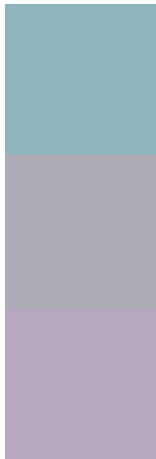


This preview shows how white text looks on a background with the CIELCh color 71, 13.688, 217.173.

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, 13.688, 217.173

Protanopia
71, 6.035, 294.262

Deuteranopia
71, 12.989, 312.653



Tritanopia
71, 14.496, 233.229

Trichromacy



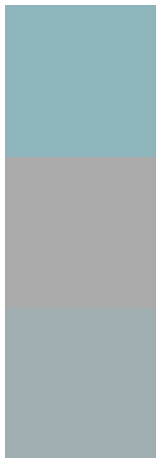
Original Color
71, 13.688, 217.173

Protanomaly
71, 7.104, 249.614

Deuteranomaly
71, 9.425, 280.157

Tritanomaly
71, 14.003, 229.227

Monochromacy



Original Color
71, 13.688, 217.173

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.339, 217.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.688, 217.173 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(142, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(142, 180, 188)  
}
```

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(142, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 180, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.688, 217.173 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(142, 180, 188) }
```

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

```
.border{ border-color:rgb(142, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(142, 180,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.688, 217.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 180, 188) }
```

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

```
.background{ background-color: rgb(142,  
180, 188) }
```

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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