

Converting Colors

CIELCh(71, 13.710, 232.727)

Have a look what the booklet for
CIELCh(71, 13.710, 232.727)
contains.

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Color

CIELCh(71, 13.710, 232.727)

Conversions

Conversions Part 1

Format	Color
Hex	91B3C1
RGB	145, 179, 193
RGB Percent	57%, 70%, 76%
CMY	0.4308, 0.2975, 0.2426
CMYK	0.25, 0.07, 0.00, 0.24
HSL	197°, 28%, 66%
HSV	197°, 25%, 76%
XYZ	37.4930, 42.1875, 56.7046
YIQ	170.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

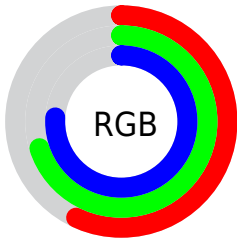
Format	Color
R _Y B	145, 165, 193
Decimal	9548737
CIE Lab	71.00, -8.30, -10.91
CIE LCh	71, 13.710, 232.727
Yxy	42.1875, 0.2749, 0.3093
Android (android.graphics.Color)	4287738817 (0xFF91B3C1)
YUV	170.4300, 11.1270, -22.3021
Hunter-Lab	64.9519, -10.6279, -6.2953

Details

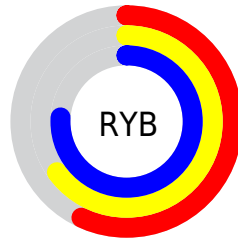
The CIELCh color `71, 13.710, 232.727` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `68, 15.893, 49.092`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 13.519, 231.408`, and `51, 13.650, 232.394` is the 20% darker color. If you saturate the color by 10%, you get `68, 18.654, 234.028`, and if you desaturate by 10%, it is `74, 8.404, 231.711`.

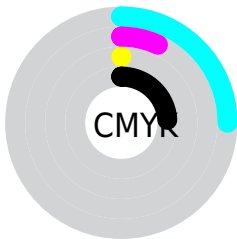
Distribution



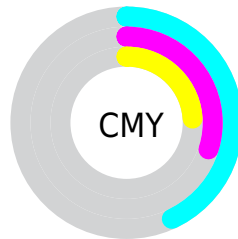
- Red (57%)
- Green (70%)
- Blue (76%)



- Red (57%)
- Yellow (65%)
- Blue (76%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)





- Cyan (43%)
- Magenta (30%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.710, 232.727 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, 13.710, 232.727 by changing the saturation by 10% instead.


 71, 13.710,
232.727


 71, 13.710,
232.727


 100, 13.710,
232.727


 61, 13.710,
232.727


 91, 13.710,
232.727

 51, 13.710,
232.727

 41, 13.710,
232.727

 31, 13.710,
232.727

 21, 13.710,
232.727

 11, 13.710,
232.727

 1, 13.710, 232.727

0, 13.710, 232.727

71, 13.710,
232.727

71, 13.710,
232.727

68, 18.654,
234.028

74, 8.404, 231.711

77, 2.807, 231.021

66, 23.168,
235.696

80, 3.020, 50.049

63, 27.190,
237.804

83, 9.022, 49.666

61, 30.678,
240.444

86, 15.151, 49.306

88, 19.303, 52.310

59, 33.629,
243.703

90, 19.349, 62.663

57, 36.099,
247.638

91, 20.023, 72.609

■ 55, 38.211,
252.243

■ 92, 21.259, 81.613

■ 54, 39.275,
254.709

Harmonies

Complementary

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



71, 13.710, 232.727



68, 15.893, 49.092

Rectangle

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



71, 13.710, 232.727



71, 13.710, 282.727



71, 13.710, 52.727



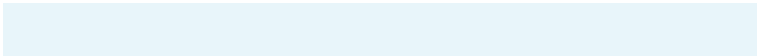
71, 13.710, 102.727

Sweetspot

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



71, 13.710, 232.721



96, 4.966, 231.131



74, 25.881, 151.725



51, 3.222, 231.167



99, 0.012, 296.813



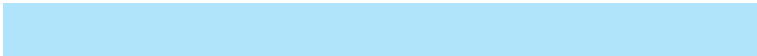
52, 0.007, 296.813

Same Dimension

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



71, 13.710, 232.721



88, 20.069, 233.415



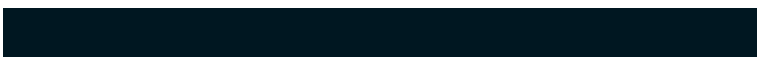
65, 21.132, 282.770



39, 3.256, 231.277



45, 34.060, 253.955



7, 10.521, 243.824

Inverse Universe

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



66, 25.950, 335.685



80, 38.602, 336.119



74, 20.624, 96.474



38, 5.891, 334.547



36, 65.825, 344.050



4, 18.393, 339.733

Previews

White Background



This preview shows how the CIELCh color 71, 13.710, 232.727 looks on a white background.

Color Contrast Check

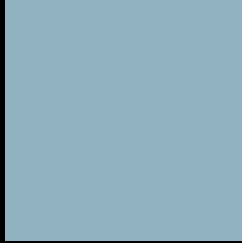
Large Text (above 18pt) WCAG AA × Fail

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 71, 13.710, 232.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

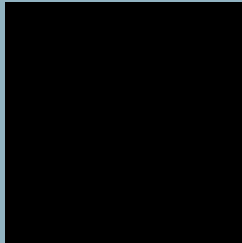
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

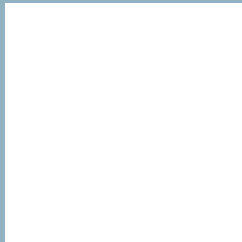
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.710, 232.727

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.710, 232.727.



This preview shows how white text looks on a background with the CIELCh color 71, 13.710, 232.727.

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, 13.710, 232.727

Protanopia
71, 9.296, 291.099

Deuteranopia
71, 14.825, 306.994



Tritanopia
71, 13.710, 232.727

Trichromacy



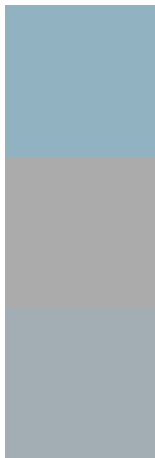
Original Color
71, 13.710, 232.727

Protanomaly
71, 9.771, 262.943

Deuteranomaly
71, 11.624, 280.790

Tritanomaly
71, 13.710, 232.727

Monochromacy



Original Color
71, 13.710, 232.727

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.111, 231.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.710, 232.727 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(145, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(145, 179, 193)  
}
```

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(145, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 179, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.710, 232.727 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(145, 179, 193) }
```

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

```
.border{ border-color:rgb(145, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(145, 179,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.710, 232.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 179, 193) }
```

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

```
.background{ background-color: rgb(145,  
179, 193) }
```

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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