

Converting Colors

CIELCh(71, 12.473, 219.157)

Have a look what the booklet for
CIELCh(71, 12.473, 219.157)
contains.

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Color

CIELCh(71, 12.473, 219.157)

Conversions

Conversions Part 1

Format	Color
Hex	92B4BC
RGB	146, 180, 188
RGB Percent	57%, 71%, 74%
CMY	0.4289, 0.2955, 0.2642
CMYK	0.22, 0.04, 0.00, 0.26
HSL	191°, 24%, 65%
HSV	191°, 22%, 74%
XYZ	37.0747, 42.1875, 53.5573
YIQ	170.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

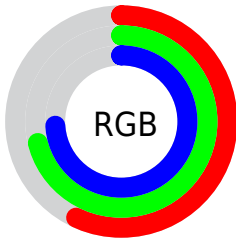
Format	Color
R_{YB}	146, 165, 188
Decimal	9614524
CIE Lab	71.00, -9.67, -7.88
CIE LCh	71, 12.473, 219.157
Yxy	42.1875, 0.2791, 0.3176
Android (android.graphics.Color)	4287804604 (0xFF92B4BC)
YUV	170.7460, 8.5062, -21.7022
Hunter-Lab	64.9519, -11.7775, -3.4224

Details

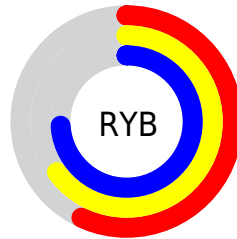
The CIELCh color **71, 12.473, 219.157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 14.476, 38.165**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.357, 218.413**, and **51, 12.594, 220.177** is the 20% darker color. If you saturate the color by 10%, you get **69, 17.419, 219.751**, and if you desaturate by 10%, it is **73, 7.105, 218.760**.

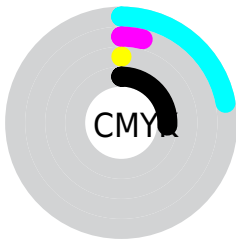
Distribution



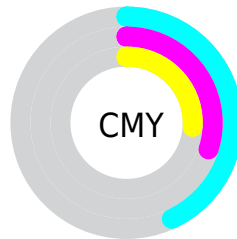
- Red (57%)
- Green (71%)
- Blue (74%)



- Red (57%)
- Yellow (65%)
- Blue (74%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)





- Cyan (43%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.473, 219.157 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, 12.473, 219.157 by changing the saturation by 10% instead.


 71, 12.473,
219.157


 71, 12.473,
219.157


 100, 12.473,
219.157


 61, 12.473,
219.157


 91, 12.473,
219.157

 51, 12.473,
219.157

 41, 12.473,
219.157

 31, 12.473,
219.157

 21, 12.473,
219.157

 11, 12.473,
219.157

 1, 12.473, 219.157

0, 12.473, 219.157

71, 12.473,
219.157

71, 12.473,
219.157

69, 17.419,
219.751

73, 7.105, 218.760

67, 21.856,
220.597

76, 1.400, 218.785

78, 4.567, 38.144

65, 25.695,
221.748

80, 10.732, 38.142

63, 28.866,
223.271

83, 17.040, 38.162

85, 22.220, 39.136

62, 31.323,
225.245

86, 21.629, 44.718

60, 33.070,
227.749

87, 21.260, 50.552

■ 59, 34.173,
230.847

■ 88, 21.123, 56.523

■ 58, 34.748,
233.515

Harmonies

Complementary

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



71, 12.473, 219.157



66, 14.476, 38.165

Rectangle

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



71, 12.473, 219.157



71, 12.473, 269.157



71, 12.473, 39.157



71, 12.473, 89.157

Sweetspot

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



71, 12.473, 219.150



94, 5.054, 218.652



72, 24.514, 148.389



50, 3.278, 218.659



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, 12.473, 219.150



89, 18.361, 219.427



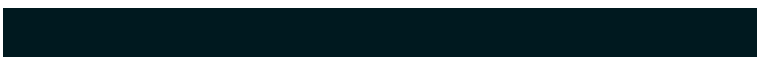
65, 16.453, 275.627



39, 3.294, 218.686



49, 30.587, 232.981



7, 9.527, 226.935

Inverse Universe

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



65, 24.482, 331.582



80, 36.659, 331.915



72, 16.462, 89.631



37, 6.194, 330.738



36, 69.846, 337.444



3, 17.791, 333.693

Previews

White Background



This preview shows how the CIELCh color 71, 12.473, 219.157 looks on a white background.

Color Contrast Check

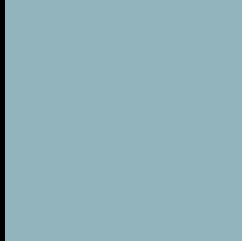
Large Text (above 18pt) WCAG AA × Fail

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, 12.473, 219.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

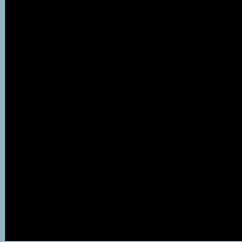
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

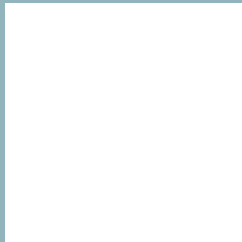
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 12.473, 219.157

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.473, 219.157.



This preview shows how white text looks on a background with the CIELCh color 71, 12.473, 219.157.

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, 12.473, 219.157

Protanopia

71, 6.073, 297.718

Deuteranopia

71, 12.629, 315.113



Tritanopia
71, 13.183, 234.321

Trichromacy



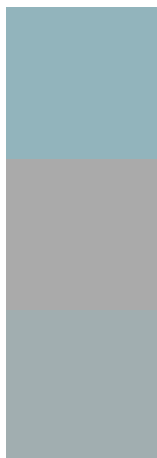
Original Color
71, 12.473, 219.157

Protanomaly
71, 6.677, 254.302

Deuteranomaly
71, 8.833, 281.684

Tritanomaly
71, 12.668, 229.975

Monochromacy



Original Color
71, 12.473, 219.157

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.870, 212.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.473, 219.157 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(146, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 180, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.473, 219.157 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(146, 180, 188) }
```

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

```
.border{ border-color:rgb(146, 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(146, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(146, 180,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.473, 219.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 180, 188) }
```

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

```
.background{ background-color: rgb(146,  
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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