

Converting Colors

CIELCh(71, 14.587, 242.942)

Have a look what the booklet for
CIELCh(71, 14.587, 242.942)
contains.

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Color

CIELCh(71, 14.755, 243.742)

Conversions

Conversions Part 1

Format	Color
Hex	92B2C5
RGB	146, 178, 197
RGB Percent	57%, 70%, 77%
CMY	0.4260, 0.3004, 0.2259
CMYK	0.26, 0.10, 0.00, 0.23
HSL	202°, 31%, 67%
HSV	202°, 26%, 77%
XYZ	38.0402, 42.1875, 59.1956
YIQ	170.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

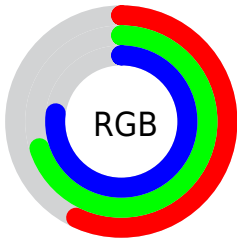
Format	Color
R_{YB}	146, 166, 197
Decimal	9614021
CIE _{Lab}	71.00, -6.53, -13.23
CIE _{LCh}	71, 14.755, 243.742
Yxy	42.1875, 0.2728, 0.3026
Android (android.graphics.Color)	4287804101 (0xFF92B2C5)
YUV	170.5980, 13.0162, -21.5724
Hunter-Lab	64.9519, -9.1243, -8.5692

Details

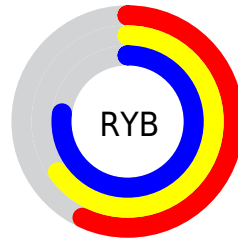
The CIELCh color $71, 14.755, 243.742$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $70, 16.731, 58.184$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.783, 243.666$, and $51, 14.755, 244.318$ is the 20% darker color. If you saturate the color by 10%, you get $68, 20.017, 245.477$, and if you desaturate by 10%, it is $74, 9.217, 242.333$.

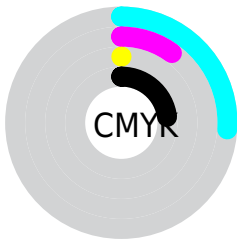
Distribution



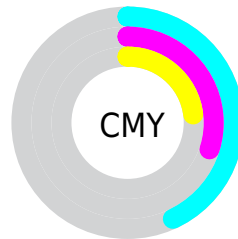
- Red (57%)
- Green (70%)
- Blue (77%)



- Red (57%)
- Yellow (65%)
- Blue (77%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)





- Cyan (43%)
- Magenta (30%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 14.755, 243.742 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, 14.755, 243.742 by changing the saturation by 10% instead.


 71, 14.755,
243.742


 71, 14.755,
243.742


 100, 14.755,
243.742


 61, 14.755,
243.742


 91, 14.755,
243.742

 51, 14.755,
243.742

 41, 14.755,
243.742

 31, 14.755,
243.742

 21, 14.755,
243.742

 11, 14.755,
243.742

 1, 14.755, 243.742

0, 14.755, 243.742

71, 14.755,
243.742

71, 14.755,
243.742

68, 20.017,
245.477

74, 9.217, 242.333

78, 3.455, 241.256

65, 24.954,
247.622

81, 2.480, 59.989

62, 29.529,
250.250

85, 8.546, 59.338

59, 33.731,
253.438

88, 14.705, 58.712

91, 18.048, 65.631

56, 37.590,
257.242

92, 19.314, 79.032

53, 41.189,
261.660

94, 21.491, 90.174

■ 51, 44.670,
266.594

■ 96, 24.318, 98.919

■ 50, 46.159,
268.634

Harmonies

Complementary

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



71, 14.755, 243.742



70, 16.731, 58.184

Rectangle

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



71, 14.755, 243.742



71, 14.755, 293.742



71, 14.755, 63.742



71, 14.755, 113.742

Sweetspot

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



71, 14.754, 243.737



97, 5.803, 241.464



75, 25.698, 154.998



51, 4.114, 241.619



0, 0.000, 0.000



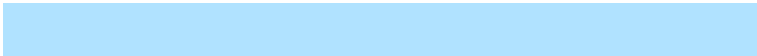
53, 0.007, 296.813

Same Dimension

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



71, 14.754, 243.737



87, 21.528, 244.671



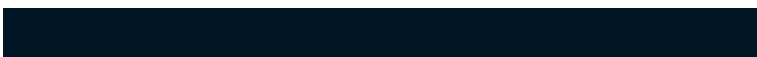
64, 24.700, 287.474



40, 3.355, 241.591



42, 39.684, 267.856



6, 12.118, 256.137

Inverse Universe

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



66, 25.989, 339.376



81, 38.385, 339.877



77, 23.686, 101.319



39, 5.681, 338.024



36, 63.514, 350.291



4, 19.403, 345.078

Previews

White Background



This preview shows how the CIELCh color 71, 14.755, 243.742 looks on a white background.

Color Contrast Check

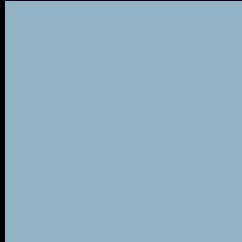
Large Text (above 18pt) WCAG AA × Fail

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, 14.755, 243.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

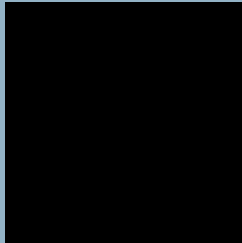
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

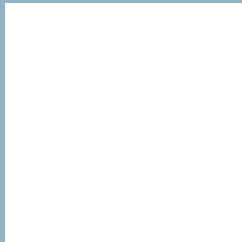
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 14.755, 243.742

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.755, 243.742.



This preview shows how white text looks on a background with the CIELCh color 71, 14.755, 243.742.

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, 14.755, 243.742

Protanopia

71, 11.480, 289.531

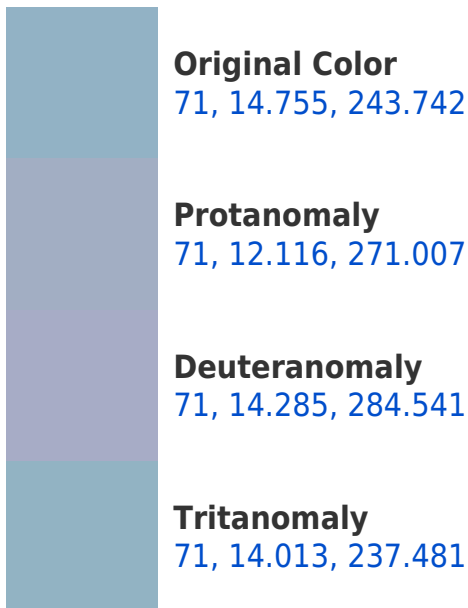
Deuteranopia

71, 16.782, 302.725

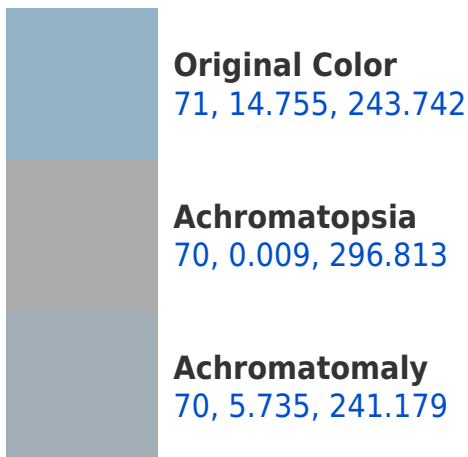


Tritanopia
71, 13.446, 233.507

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.755, 243.742 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, 178, 197)` looks like.

```
.text, #text, p{  
    color:rgb(146, 178, 197)  
}
```

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, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 178, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.755, 243.742 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, 178, 197) }
```

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

```
.border{ border-color:rgb(146, 178, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 178, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(146, 178,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.755, 243.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 178, 197) }
```

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

```
.background{ background-color: rgb(146,  
178, 197) }
```

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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