

Converting Colors

CIELCh(71, 15.565, 228.045)

Have a look what the booklet for
CIELCh(71, 15.565, 228.045)
contains.

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Color

CIELCh(71, 15.573, 228.059)

Conversions

Conversions Part 1

Format	Color
Hex	8BB4C2
RGB	139, 180, 194
RGB Percent	55%, 71%, 76%
CMY	0.4537, 0.2929, 0.2380
CMYK	0.28, 0.07, 0.00, 0.24
HSL	195°, 31%, 65%
HSV	195°, 28%, 76%
XYZ	36.8509, 42.1875, 57.4200
YIQ	169.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

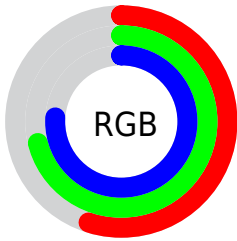
Format	Color
R _Y B	139, 162, 194
Decimal	9155778
CIE Lab	71.00, -10.41, -11.58
CIE LCh	71, 15.573, 228.059
Yxy	42.1875, 0.2701, 0.3092
Android (android.graphics.Color)	4287345858 (0xFF8BB4C2)
YUV	169.3370, 12.1589, -26.6055
Hunter-Lab	64.9519, -12.3926, -6.9483

Details

The CIELCh color **71, 15.573, 228.059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 18.683, 44.901**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.396, 226.917**, and **51, 15.485, 227.742** is the 20% darker color. If you saturate the color by 10%, you get **69, 20.341, 229.243**, and if you desaturate by 10%, it is **74, 10.375, 227.154**.

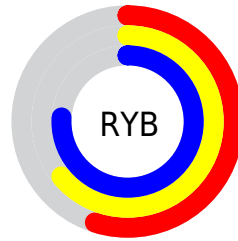
Distribution



Red (55%)

Green (71%)

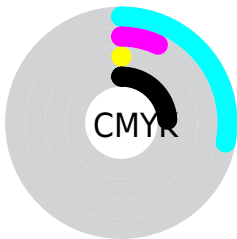
Blue (76%)



Red (55%)

Yellow (64%)

Blue (76%)

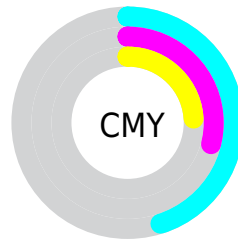


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (45%)


Magenta (29%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 15.573, 228.059 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, 15.573, 228.059 by changing the saturation by 10% instead.


 71, 15.573,
228.059


 71, 15.573,
228.059


 100, 15.573,
228.059


 61, 15.573,
228.059


 91, 15.573,
228.059

 51, 15.573,
228.059

 41, 15.573,
228.059

 31, 15.573,
228.059

 21, 15.573,
228.059

 11, 15.573,
228.059

 1, 15.573, 228.059

0, 15.573, 228.059

71, 15.573,
228.059

71, 15.573,
228.059

69, 20.341,
229.243

74, 10.375,
227.154

66, 24.603,
230.786

76, 4.828, 226.516

64, 28.291,
232.766

79, 0.998, 45.371

82, 7.037, 45.427

62, 31.363,
235.273

85, 13.236, 45.180

60, 33.821,
238.395

88, 19.233, 45.407

89, 18.866, 54.577

58, 35.729,
242.195

90, 19.003, 63.843

■ 56, 37.258,
246.614

■ 91, 19.631, 72.718

■ 56, 37.519,
247.364

Harmonies

Complementary

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



71, 15.573, 228.059



67, 18.683, 44.901

Rectangle

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



71, 15.573, 228.059



71, 15.573, 278.059



71, 15.573, 48.059



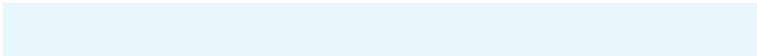
71, 15.573, 98.059

Sweetspot

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



71, 15.573, 228.054



96, 5.750, 226.507



74, 30.360, 150.167



51, 4.105, 226.584



0, 0.000, 0.000



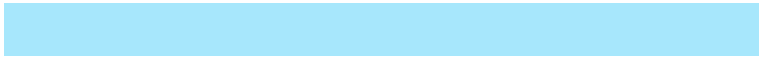
53, 0.007, 296.813

Same Dimension

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



71, 15.573, 228.054



88, 22.644, 228.756



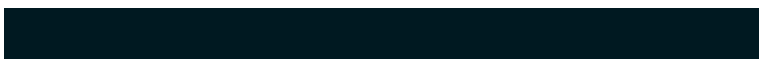
64, 23.350, 281.297



40, 3.278, 226.568



47, 32.454, 246.633



7, 10.368, 237.436

Inverse Universe

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



64, 30.476, 334.424



78, 45.166, 334.888



74, 22.895, 93.808



38, 6.049, 333.086



36, 67.479, 341.485



4, 19.020, 337.566

Previews

White Background



This preview shows how the CIELCh color 71, 15.573, 228.059 looks on a white background.

Color Contrast Check

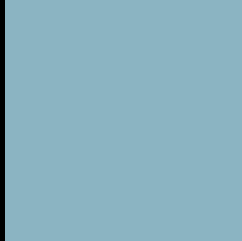
Large Text (above 18pt) WCAG AA × Fail

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, 15.573, 228.059 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

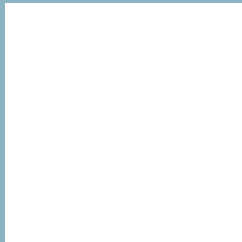
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 15.573, 228.059

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.573, 228.059.

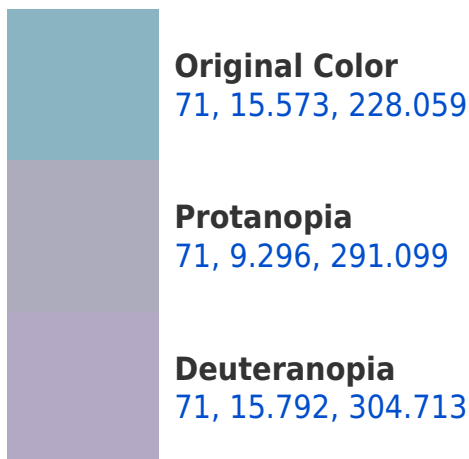


This preview shows how white text looks on a background with the CIELCh color 71, 15.573, 228.059.

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





Tritanopia
71, 15.796, 229.921

Trichromacy



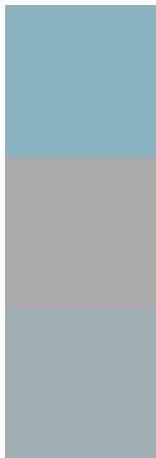
Original Color
71, 15.573, 228.059

Protanomaly
71, 10.098, 259.423

Deuteranomaly
71, 12.814, 278.763

Tritanomaly
71, 15.796, 229.921

Monochromacy



Original Color
71, 15.573, 228.059

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.039, 226.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.573, 228.059 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(139, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(139, 180, 194)  
}
```

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(139, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 180, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.573, 228.059 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(139, 180, 194) }
```

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

```
.border{ border-color:rgb(139, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(139, 180,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.573, 228.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 180, 194) }
```

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

```
.background{ background-color: rgb(139,  
180, 194) }
```

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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