

Converting Colors

CIELCh(79, 13.070, 243.371)

Have a look what the booklet for
CIELCh(79, 13.070, 243.371)
contains.

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Color

CIELCh(79, 13.171, 242.674)

Conversions

Conversions Part 1

Format	Color
Hex	ABC8D9
RGB	171, 200, 217
RGB Percent	67%, 78%, 85%
CMY	0.3297, 0.2160, 0.1493
CMYK	0.21, 0.08, 0.00, 0.15
HSL	202°, 38%, 76%
HSV	202°, 21%, 85%
XYZ	49.9292, 54.9284, 73.5630
YIQ	193.2670, -22.7410, -0.8610

Conversions

Conversions Part 2

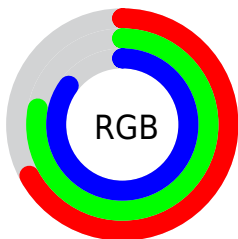
Format	Color
R_{YB}	171, 189, 217
Decimal	11258073
CIE Lab	79.00, -6.05, -11.70
CIE LCh	79, 13.171, 242.674
Yxy	54.9284, 0.2798, 0.3079
Android (android.graphics.Color)	4289448153 (0xFFABC8D9)
YUV	193.2670, 11.7004, -19.5282
Hunter-Lab	74.1137, -9.4465, -6.9699

Details

The CIELCh color **79, 13.171, 242.674** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 14.591, 58.219**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **59, 13.124, 242.701** is the 20% darker color. If you saturate the color by 10%, you get **75, 18.979, 244.247**, and if you desaturate by 10%, it is **83, 7.084, 241.407**.

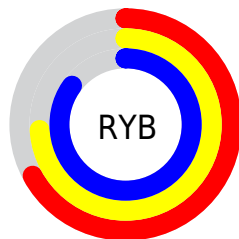
Distribution



Red (67%)

Green (78%)

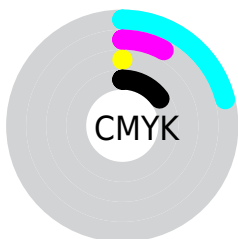
Blue (85%)



Red (67%)

Yellow (74%)

Blue (85%)

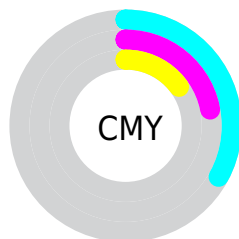


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (33%)


Magenta (22%)


Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 13.171, 242.674 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 79, 13.171, 242.674 by changing the saturation by 10% instead.


 79, 13.171,
242.674

 79, 13.171,
242.674


 100, 13.171,
242.674


 69, 13.171,
242.674


 99, 13.171,
242.674

 59, 13.171,
242.674

 49, 13.171,
242.674

 39, 13.171,
242.674

 29, 13.171,
242.674

 19, 13.171,
242.674

 9, 13.171, 242.674

0, 13.171, 242.674

79, 13.171,
242.674

79, 13.171,
242.674

75, 18.979,
244.247

83, 7.084, 241.407

86, 0.777, 240.919

72, 24.453,
246.203

90, 5.699, 59.334

69, 29.543,
248.612

93, 11.523, 61.819

66, 34.221,
251.556

95, 13.034, 84.032

97, 16.005, 99.678

63, 38.498,
255.105

99, 19.249,
108.721

60, 42.438,
259.289

■ 57, 46.171,
264.059

■ 55, 49.459,
268.507

Harmonies

Complementary

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



79, 13.171, 242.674



78, 14.591, 58.219

Rectangle

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



79, 13.171, 242.674



79, 13.171, 292.674



79, 13.171, 62.674



79, 13.171, 112.674

Sweetspot

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



79, 13.170, 242.667



97, 4.363, 240.896



83, 22.782, 155.425



52, 2.891, 240.953



0, 0.000, 0.000



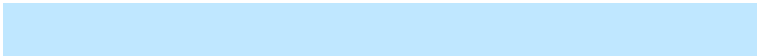
53, 0.007, 296.813

Same Dimension

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



79, 13.170, 242.667



90, 17.564, 243.262



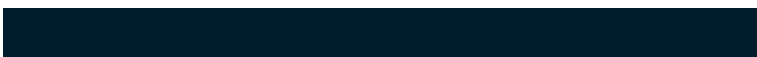
73, 21.709, 286.790



44, 3.632, 241.218



44, 41.395, 267.654



10, 14.835, 256.953

Inverse Universe

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



75, 23.035, 338.848



84, 31.011, 339.191



84, 20.987, 101.819



43, 6.171, 337.894



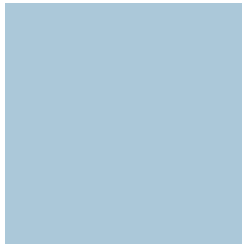
38, 66.467, 350.182



6, 26.813, 345.448

Previews

White Background



This preview shows how the CIELCh color 79, 13.171, 242.674 looks on a white background.

Color Contrast Check

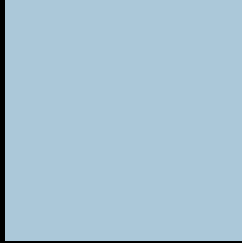
Large Text (above 18pt) WCAG AA × Fail

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 79, 13.171, 242.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

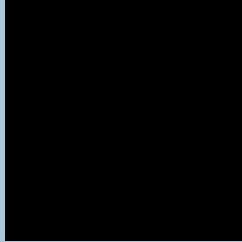
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

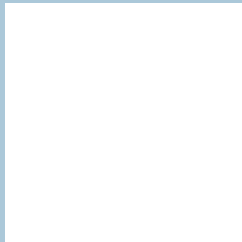
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 13.171, 242.674

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.171, 242.674.

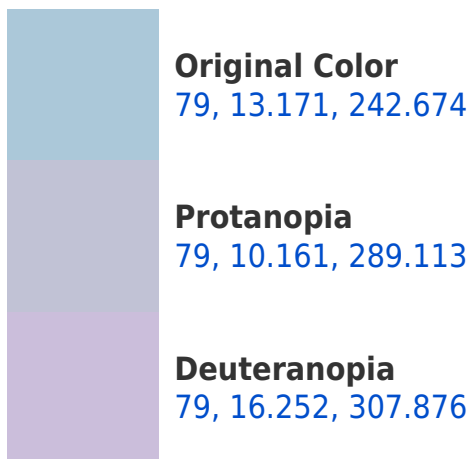


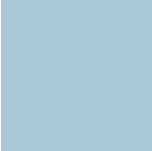
This preview shows how white text looks on a background with the CIELCh color 79, 13.171, 242.674.

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](#).

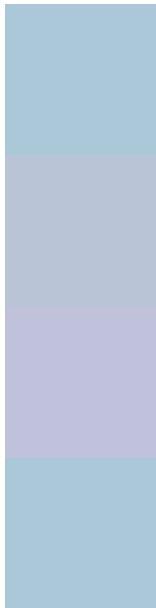
Dichromacy





Tritanopia
79, 12.842, 240.790

Trichromacy



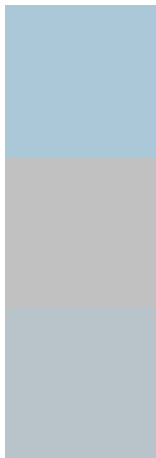
Original Color
79, 13.171, 242.674

Protanomaly
79, 10.269, 269.161

Deuteranomaly
79, 12.855, 286.686

Tritanomaly
79, 12.842, 240.790

Monochromacy



Original Color
79, 13.171, 242.674

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.025, 239.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.171, 242.674 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(171, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 217)  
}
```

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(171, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.171, 242.674 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(171, 200, 217) }
```

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

```
.border{ border-color:rgb(171, 200, 217) }
```

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

Here you see how a box with a 4 pixel rgb(171, 200, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 200,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.171, 242.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 217) }
```

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

```
.background{ background-color: rgb(171,  
200, 217) }
```

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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