

Converting Colors

CIELCh(79, 14.977, 253.557)

Have a look what the booklet for
CIELCh(79, 14.977, 253.557)
contains.

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Color

CIELCh(79, 15.026, 254.173)

Conversions

Conversions Part 1

Format	Color
Hex	ACC7DE
RGB	172, 199, 222
RGB Percent	67%, 78%, 87%
CMY	0.3253, 0.2194, 0.1292
CMYK	0.23, 0.10, 0.00, 0.13
HSL	208°, 43%, 77%
HSV	208°, 23%, 87%
XYZ	50.6559, 54.9284, 77.0823
YIQ	193.5490, -23.4750, 1.4290

Conversions

Conversions Part 2

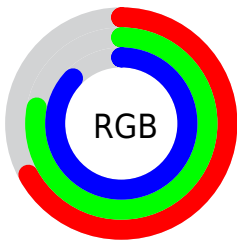
Format	Color
R _Y B	172, 190, 222
Decimal	11323358
CIE Lab	79.00, -4.10, -14.46
CIE LCh	79, 15.026, 254.173
Yxy	54.9284, 0.2773, 0.3007
Android (android.graphics.Color)	4289513438 (0xFFACC7DE)
YUV	193.5490, 14.0263, -18.8985
Hunter-Lab	74.1137, -7.6961, -9.7853

Details

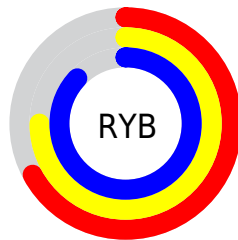
The CIELCh color **79, 15.026, 254.173** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **81, 16.207, 68.309**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **59, 15.096, 254.994** is the 20% darker color. If you saturate the color by 10%, you get **75, 21.456, 256.044**, and if you desaturate by 10%, it is **83, 8.432, 252.620**.

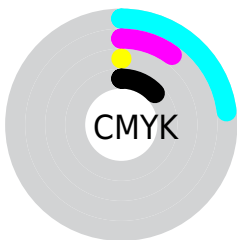
Distribution



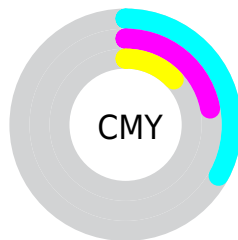
- Red (67%)
- Green (78%)
- Blue (87%)



- Red (67%)
- Yellow (75%)
- Blue (87%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 15.026, 254.173 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, 15.026, 254.173 by changing the saturation by 10% instead.

■ 79, 15.026,
254.173

■ 79, 15.026,
254.173

■ 100, 15.026,
254.173

■ 69, 15.026,
254.173

■ 99, 15.026,
254.173

■ 59, 15.026,
254.173

■ 49, 15.026,
254.173

■ 39, 15.026,
254.173

■ 29, 15.026,
254.173

■ 19, 15.026,
254.173

■ 9, 15.026, 254.173

0, 15.026, 254.173

79, 15.026,
254.173

79, 15.026,
254.173

75, 21.456,
256.044

83, 8.432, 252.620

71, 27.693,
258.304

87, 1.714, 251.506

92, 5.095, 70.064

67, 33.715,
261.013

96, 10.668, 78.164

63, 39.527,
264.231

98, 14.352,
101.939

59, 45.172,
267.988

99, 16.660,
108.918

56, 50.735,
272.259

■ 53, 56.341,
276.927

■ 50, 60.666,
280.466

Harmonies

Complementary

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



79, 15.026, 254.173



81, 16.207, 68.309

Rectangle

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



79, 15.026, 254.173



79, 15.026, 304.173



79, 15.026, 74.173



79, 15.026, 124.173

Sweetspot

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



79, 15.025, 254.168



97, 5.301, 251.912



84, 23.126, 159.121



51, 3.443, 251.985



0, 0.000, 0.000



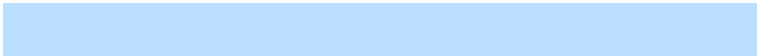
53, 0.007, 296.813

Same Dimension

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



79, 15.025, 254.168



87, 20.054, 255.004



73, 25.848, 290.797



45, 3.868, 252.208



40, 50.247, 279.666



9, 17.737, 270.045

Inverse Universe

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



76, 23.484, 343.470



83, 31.575, 343.935



87, 24.655, 105.824



44, 5.904, 342.274



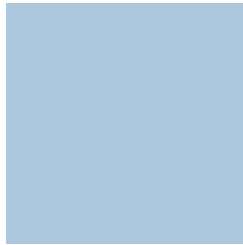
38, 64.758, 358.101



6, 26.877, 351.768

Previews

White Background



This preview shows how the CIELCh color 79, 15.026, 254.173 looks on a white background.

Color Contrast Check

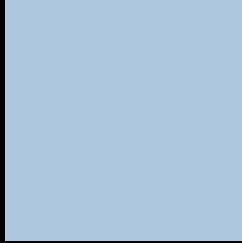
Large Text (above 18pt) WCAG AA × Fail

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, 15.026, 254.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

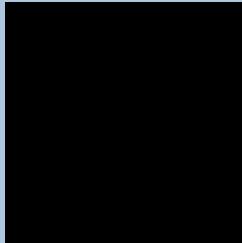
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

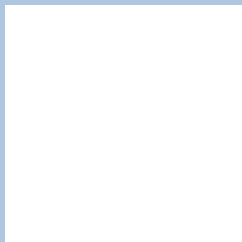
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 15.026, 254.173

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.026, 254.173.



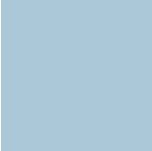
This preview shows how white text looks on a background with the CIELCh color 79, 15.026, 254.173.

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, 15.026, 254.173

Protanomaly
79, 13.276, 274.804

Deuteranomaly
79, 16.063, 287.952

Tritanomaly
79, 13.514, 244.467

Monochromacy



Original Color
79, 15.026, 254.173

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 5.512, 250.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.026, 254.173 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(172, 199, 222)` looks like.

```
.text, #text, p{  
    color:rgb(172, 199, 222)  
}
```

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(172, 199, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 199, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.026, 254.173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

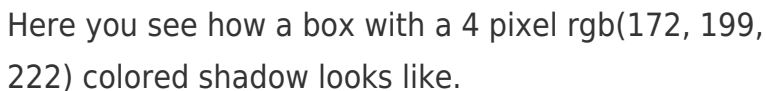
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 199, 222) }
```

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

```
.border{ border-color:rgb(172, 199, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 199, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 199, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 199, 222); box-shadow:4px 4px 4px 4px rgb(172, 199, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.026, 254.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 199, 222) }
```

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

```
.background{ background-color: rgb(172,  
199, 222) }
```

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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