

Converting Colors

CIELCh(79, 19.086, 267.262)

Have a look what the booklet for
CIELCh(79, 19.086, 267.262)
contains.

CIELCh(79, 19.070, 267.243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 19.070, 267.243)

Conversions

Conversions Part 1

Format	Color
Hex	AEC6E7
RGB	174, 198, 231
RGB Percent	68%, 78%, 91%
CMY	0.3190, 0.2249, 0.0956
CMYK	0.25, 0.14, 0.00, 0.10
HSL	215°, 54%, 79%
HSV	215°, 25%, 90%
XYZ	51.8577, 54.9284, 83.1938
YIQ	194.5860, -24.8970, 5.1750

Conversions

Conversions Part 2

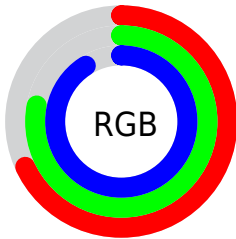
Format	Color
RYB	174, 191, 231
Decimal	11454183
CIELab	79.00, -0.92, -19.05
CIELCh	79, 19.070, 267.243
Yxy	54.9284, 0.2730, 0.2891
Android (android.graphics.Color)	4289644263 (0xFFAEC6E7)
YUV	194.5860, 17.9521, -18.0539
Hunter-Lab	74.1137, -4.8016, -14.6744

Details

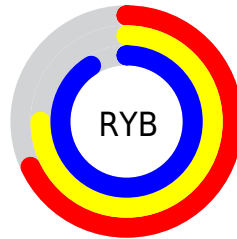
The CIELCh color `79, 19.070, 267.243` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `84, 19.757, 80.220`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 8.521, 198.944`, and `59, 19.053, 266.977` is the 20% darker color. If you saturate the color by 10%, you get `74, 26.811, 269.250`, and if you desaturate by 10%, it is `84, 11.338, 265.542`.

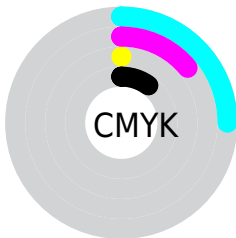
Distribution



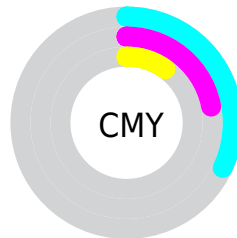
- Red (68%)
- Green (78%)
- Blue (91%)



- Red (68%)
- Yellow (75%)
- Blue (91%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (32%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 19.070, 267.243 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, 19.070, 267.243 by changing the saturation by 10% instead.

■ 79, 19.070,
267.243

■ 79, 19.070,
267.243

■ 100, 19.070,
267.243

■ 69, 19.070,
267.243

■ 99, 19.070,
267.243

■ 59, 19.070,
267.243

■ 49, 19.070,
267.243

■ 39, 19.070,
267.243

■ 29, 19.070,
267.243

■ 19, 19.070,
267.243

■ 9, 19.070, 267.243

0, 19.070, 267.243

79, 19.070,
267.243

79, 19.070,
267.243

74, 26.811,
269.250

84, 11.338,
265.542

69, 34.564,
271.620

89, 3.628, 264.149

64, 42.340,
274.397

94, 4.046, 82.726

59, 50.176,
277.610

98, 10.449,
101.495

55, 58.130,
281.246

99, 12.335,
109.245

51, 66.269,
285.223

■ 47, 74.625,
289.371

■ 45, 79.131,
291.491

Harmonies

Complementary

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



79, 19.070, 267.243



84, 19.757, 80.220

Rectangle

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



79, 19.070, 267.243



79, 19.070, 317.243



79, 19.070, 87.243



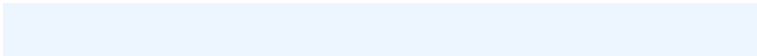
79, 19.070, 137.243

Sweetspot

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



79, 19.069, 267.240



96, 5.849, 264.437



87, 23.907, 165.087



51, 3.801, 264.517



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, 19.069, 267.240



84, 25.131, 268.295



73, 31.047, 295.379



45, 4.358, 264.764



35, 64.179, 290.771



7, 22.576, 282.613

Inverse Universe

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



77, 24.769, 350.552



81, 32.768, 351.210



90, 29.288, 110.655



45, 5.563, 348.929



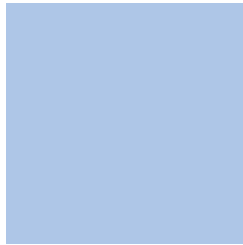
38, 64.692, 9.475



7, 27.014, 0.818

Previews

White Background



This preview shows how the CIELCh color 79, 19.070, 267.243 looks on a white background.

Color Contrast Check

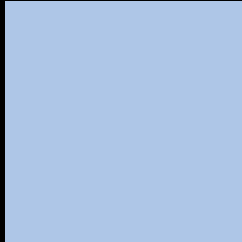
Large Text (above 18pt) WCAG AA × Fail

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, 19.070, 267.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

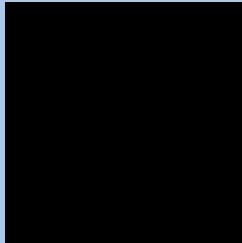
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

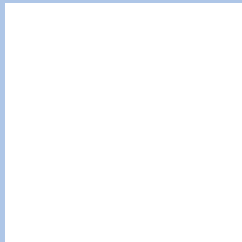
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 19.070, 267.243

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.070, 267.243.



This preview shows how white text looks on a background with the CIELCh color 79, 19.070, 267.243.

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

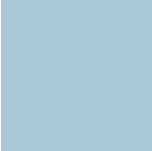
79, 19.070, 267.243

Protanopia

79, 18.214, 286.471

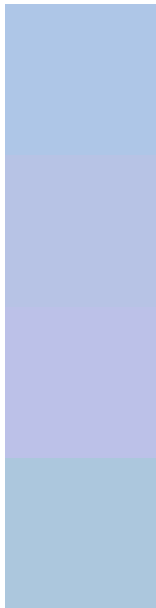
Deuteranopia

79, 22.045, 296.532



Tritanopia
79, 12.842, 240.790

Trichromacy



Original Color
79, 19.070, 267.243

Protanomaly
79, 18.504, 279.252

Deuteranomaly
79, 20.888, 287.446

Tritanomaly
79, 14.618, 252.802

Monochromacy



Original Color
79, 19.070, 267.243

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 6.964, 266.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.070, 267.243 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(174, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 231)  
}
```

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(174, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.070, 267.243 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(174, 198, 231) }
```

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

```
.border{ border-color:rgb(174, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(174, 198,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.070, 267.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 231) }
```

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

```
.background{ background-color: rgb(174,  
198, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor