

Converting Colors

CIELCh(79, 19.492, 254.671)

Have a look what the booklet for
CIELCh(79, 19.492, 254.671)
contains.

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Color

CIELCh(79, 19.478, 254.649)

Conversions

Conversions Part 1

Format	Color
Hex	A4C8E6
RGB	164, 200, 230
RGB Percent	64%, 78%, 90%
CMY	0.3568, 0.2156, 0.0979
CMYK	0.29, 0.13, 0.00, 0.10
HSL	207°, 57%, 77%
HSV	207°, 29%, 90%
XYZ	50.2602, 54.9284, 82.8328
YIQ	192.6560, -31.0860, 1.6980

Conversions

Conversions Part 2

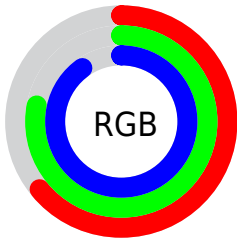
Format	Color
RYB	164, 187, 230
Decimal	10799334
CIELab	79.00, -5.16, -18.78
CIElCh	79, 19.478, 254.649
Yxy	54.9284, 0.2673, 0.2921
Android (android.graphics.Color)	4288989414 (0xFFA4C8E6)
YUV	192.6560, 18.4106, -25.1313
Hunter-Lab	74.1137, -8.6491, -14.3856

Details

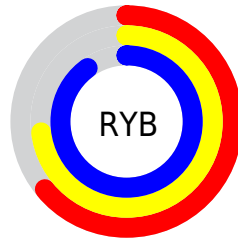
The CIELCh color **79, 19.478, 254.649** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 21.577, 66.995**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **59, 19.410, 254.075** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.925, 256.750**, and if you desaturate by 10%, it is **83, 12.831, 252.904**.

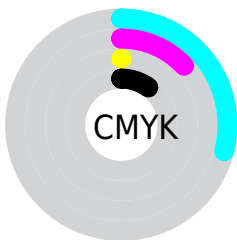
Distribution



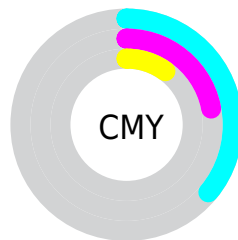
- Red (64%)
- Green (78%)
- Blue (90%)



- Red (64%)
- Yellow (73%)
- Blue (90%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 19.478, 254.649 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, 19.478, 254.649 by changing the saturation by 10% instead.

■ 79, 19.478,
254.649

■ 79, 19.478,
254.649

■ 100, 19.478,
254.649

■ 69, 19.478,
254.649

■ 99, 19.478,
254.649

■ 59, 19.478,
254.649

■ 49, 19.478,
254.649

■ 39, 19.478,
254.649

■ 29, 19.478,
254.649

■ 19, 19.478,
254.649

■ 9, 19.478, 254.649

0, 19.478, 254.649

79, 19.478,
254.649

79, 19.478,
254.649

75, 25.925,
256.750

83, 12.831,
252.904

71, 32.148,
259.282

88, 6.024, 251.483

67, 38.135,
262.307

92, 0.905, 69.691

96, 7.677, 71.253

63, 43.915,
265.872

99, 11.332,
104.365

59, 49.558,
269.978

99, 12.640,
109.222

56, 55.183,
274.548

■ 53, 60.942,
279.356

■ 52, 61.720,
279.957

Harmonies

Complementary

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



79, 19.478, 254.649



81, 21.577, 66.995

Rectangle

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



79, 19.478, 254.649



79, 19.478, 304.649



79, 19.478, 74.649



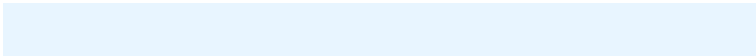
79, 19.478, 124.649

Sweetspot

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



79, 19.477, 254.646



96, 6.779, 251.528



86, 30.234, 158.481



50, 4.704, 251.717



0, 0.000, 0.000



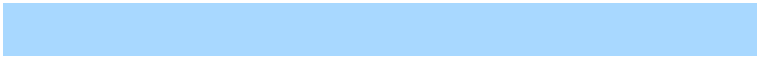
53, 0.007, 296.813

Same Dimension

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



79, 19.477, 254.646



84, 24.919, 255.754



70, 34.319, 291.732



46, 3.926, 251.580



41, 50.275, 279.101



9, 18.306, 270.011

Inverse Universe

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



75, 30.983, 343.801



79, 39.927, 344.385



89, 32.243, 105.186



45, 6.037, 341.996



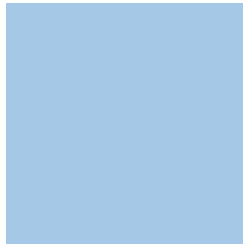
39, 65.548, 357.647



7, 28.115, 351.571

Previews

White Background



This preview shows how the CIELCh color 79, 19.478, 254.649 looks on a white background.

Color Contrast Check

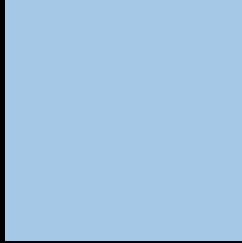
Large Text (above 18pt) WCAG AA × Fail

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, 19.478, 254.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

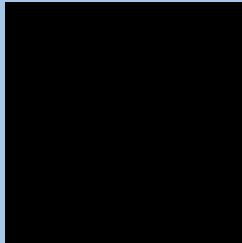
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

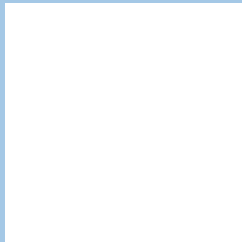
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 19.478, 254.649

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.478, 254.649.



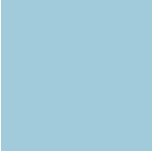
This preview shows how white text looks on a background with the CIELCh color 79, 19.478, 254.649.

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



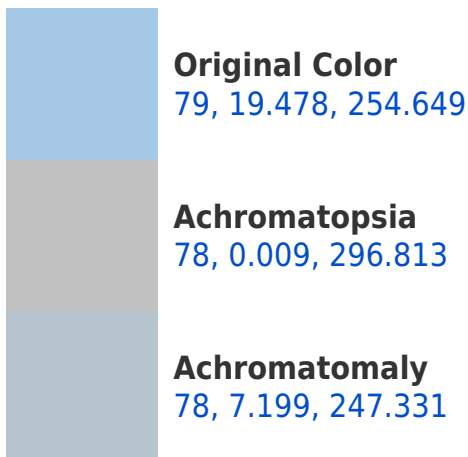


Tritanopia
79, 15.848, 231.407

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.478, 254.649 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(164, 200, 230)` looks like.

```
.text, #text, p{  
    color:rgb(164, 200, 230)  
}
```

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(164, 200, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 200, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.478, 254.649 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(164, 200, 230) }
```

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

```
.border{ border-color:rgb(164, 200, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 200, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(164, 200,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.478, 254.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 200, 230) }
```

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

```
.background{ background-color: rgb(164,  
200, 230) }
```

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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