

Converting Colors

CIELCh(78, 19.553, 251.498)

Have a look what the booklet for
CIELCh(78, 19.553, 251.498)
contains.

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Color

CIELCh(78, 19.639, 251.440)

Conversions

Conversions Part 1

Format	Color
Hex	9FC6E3
RGB	159, 198, 227
RGB Percent	62%, 78%, 89%
CMY	0.3770, 0.2241, 0.1104
CMYK	0.30, 0.13, 0.00, 0.11
HSL	206°, 55%, 76%
HSV	206°, 30%, 89%
XYZ	48.2714, 53.2120, 80.2874
YIQ	189.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

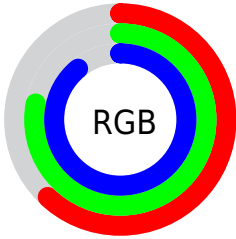
Format	Color
R _Y B	159, 184, 227
Decimal	10471139
CIE Lab	78.00, -6.25, -18.62
CIE LCh	78, 19.639, 251.440
Yxy	53.2120, 0.2656, 0.2927
Android (android.graphics.Color)	4288661219 (0xFF9FC6E3)
YUV	189.6450, 18.4160, -26.8757
Hunter-Lab	72.9466, -9.5364, -14.1940

Details

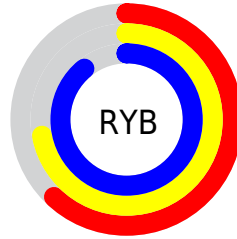
The CIELCh color **78, 19.639, 251.440** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 22.196, 63.786**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **58, 19.782, 252.737** is the 20% darker color. If you saturate the color by 10%, you get **74, 25.752, 253.533**, and if you desaturate by 10%, it is **82, 13.277, 249.713**.

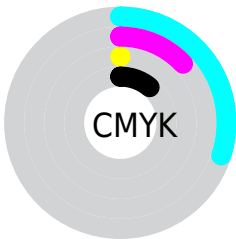
Distribution



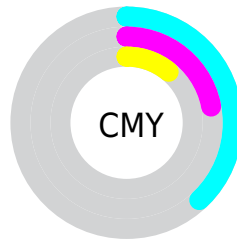
- Red (62%)
- Green (78%)
- Blue (89%)



- Red (62%)
- Yellow (72%)
- Blue (89%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.639, 251.440 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 78, 19.639, 251.440 by changing the saturation by 10% instead.

■ 78, 19.639,
251.440

■ 78, 19.639,
251.440

■ 100, 19.639,
251.440

■ 68, 19.639,
251.440

■ 98, 19.639,
251.440

■ 58, 19.639,
251.440

■ 48, 19.639,
251.440

■ 38, 19.639,
251.440

■ 28, 19.639,
251.440

■ 18, 19.639,
251.440

■ 8, 19.639, 251.440

0, 19.639, 251.440

78, 19.639,
251.440

78, 19.639,
251.440

74, 25.752,
253.533

82, 13.277,
249.713

70, 31.584,
256.074

86, 6.712, 248.313

67, 37.121,
259.128

90, 0.014, 31.124

94, 6.851, 65.988

63, 42.387,
262.748

97, 10.354, 91.401

60, 47.455,
266.939

99, 14.246,
109.101

57, 52.451,
271.627

■ 54, 57.559,
276.536

■ 54, 57.573,
276.549

Harmonies

Complementary

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



78, 19.639, 251.440



79, 22.196, 63.786

Rectangle

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



78, 19.639, 251.440



78, 19.639, 301.440



78, 19.639, 71.440



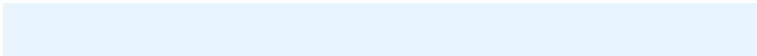
78, 19.639, 121.440

Sweetspot

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



78, 19.638, 251.437



96, 6.667, 248.201



85, 32.035, 156.774



51, 4.625, 248.381



0, 0.000, 0.000



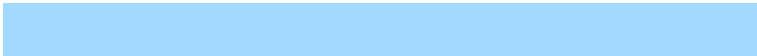
53, 0.007, 296.813

Same Dimension

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



78, 19.638, 251.437



84, 25.669, 252.701



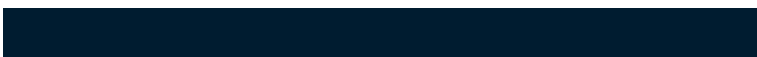
69, 34.238, 290.514



45, 3.790, 248.247



42, 46.923, 275.650



9, 16.797, 265.776

Inverse Universe

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



73, 32.589, 342.448



78, 42.994, 343.094



87, 32.245, 103.452



44, 6.042, 340.584



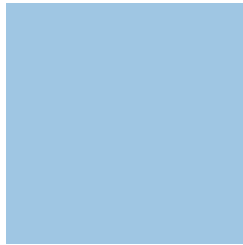
38, 65.485, 355.077



7, 27.314, 349.390

Previews

White Background



This preview shows how the CIE LCh color 78, 19.639, 251.440 looks on a white background.

Color Contrast Check

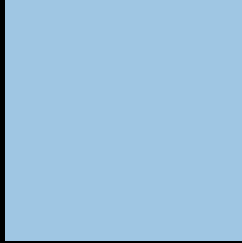
Large Text (above 18pt) WCAG AA × Fail

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 78, 19.639, 251.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

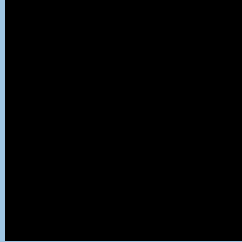
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

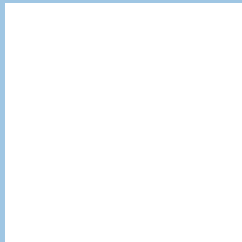
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 19.639, 251.440

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.639, 251.440.



This preview shows how white text looks on a background with the CIELCh color 78, 19.639, 251.440.

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
78, 16.644, 229.673

Trichromacy



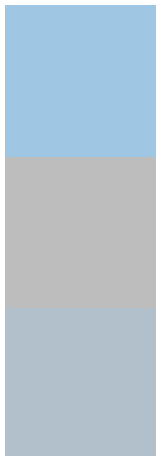
Original Color
78, 19.639, 251.440

Protanomaly
78, 17.311, 273.594

Deuteranomaly
78, 19.541, 281.066

Tritanomaly
78, 17.478, 238.932

Monochromacy



Original Color
78, 19.639, 251.440

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.614, 250.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.639, 251.440 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(159, 198, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 227)  
}
```

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(159, 198, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.639, 251.440 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(159, 198, 227) }
```

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

```
.border{ border-color:rgb(159, 198, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 227);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.639, 251.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 227) }
```

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

```
.background{ background-color: rgb(159,  
198, 227) }
```

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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