

Converting Colors

CIELCh(79, 25.794, 266.089)

Have a look what the booklet for
CIELCh(79, 25.794, 266.089)
contains.

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Color

CIELCh(79, 25.651, 266.077)

Conversions

Conversions Part 1

Format	Color
Hex	A3C7F3
RGB	163, 199, 243
RGB Percent	64%, 78%, 95%
CMY	0.3619, 0.2207, 0.0482
CMYK	0.33, 0.18, 0.00, 0.05
HSL	213°, 76%, 79%
HSV	213°, 33%, 95%
XYZ	51.5394, 54.9284, 92.4485
YIQ	193.2520, -35.5800, 6.0520

Conversions

Conversions Part 2

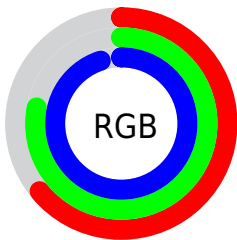
Format	Color
RYB	163, 188, 243
Decimal	10733555
CIELab	79.00, -1.75, -25.59
CIELCh	79, 25.651, 266.077
Yxy	54.9284, 0.2591, 0.2761
Android (android.graphics.Color)	4288923635 (0xFFA3C7F3)
YUV	193.2520, 24.5258, -26.5310
Hunter-Lab	74.1137, -5.5682, -22.0780

Details

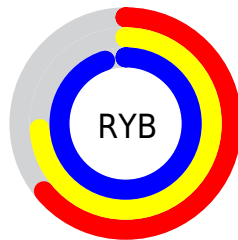
The CIELCh color **79, 25.651, 266.077** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85, 27.353, 76.313**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **59, 25.856, 266.769** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.359, 268.407**, and if you desaturate by 10%, it is **84, 17.898, 264.107**.

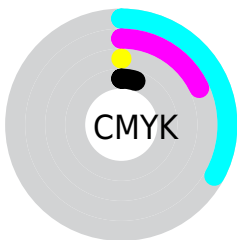
Distribution



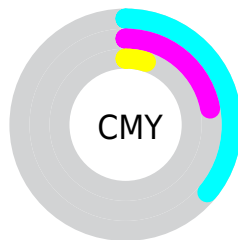
- Red (64%)
- Green (78%)
- Blue (95%)



- Red (64%)
- Yellow (74%)
- Blue (95%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)





- Cyan (36%)
- Magenta (22%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.651, 266.077 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, 25.651, 266.077 by changing the saturation by 10% instead.


 79, 25.651,
266.077


 79, 25.651,
266.077


 100, 25.651,
266.077


 69, 25.651,
266.077


 99, 25.651,
266.077

 59, 25.651,
266.077

 49, 25.651,
266.077

 39, 25.651,
266.077

 29, 25.651,
266.077

 19, 25.651,
266.077

 9, 25.651, 266.077

0, 25.651, 266.077

79, 25.651,
266.077

79, 25.651,
266.077

74, 33.359,
268.407

84, 17.898,
264.107

69, 41.029,
271.156

89, 10.113,
262.454

64, 48.689,
274.359

94, 2.314, 261.163

60, 56.399,
278.019

99, 4.865, 97.612

100, 6.221,
109.700

56, 64.241,
282.073

51, 72.291,
286.371

■ 49,78.110,
289.359

Harmonies

Complementary

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



79, 25.651, 266.077



85, 27.353, 76.313

Rectangle

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



79, 25.651, 266.077



79, 25.651, 316.077



79, 25.651, 86.077



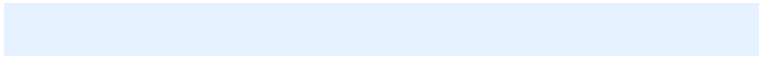
79, 25.651, 136.077

Sweetspot

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



79, 25.650, 266.075



95, 8.128, 262.026



90, 33.831, 162.282



50, 5.544, 262.228



0, 0.000, 0.000



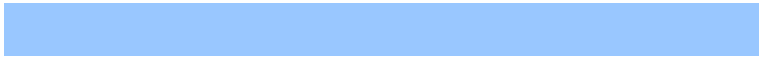
53, 0.007, 296.813

Same Dimension

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



79, 25.650, 266.075



79, 32.354, 267.702



70, 43.896, 295.436



48, 4.469, 261.950



38, 62.908, 288.612



10, 24.221, 281.767

Inverse Universe

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



76, 35.172, 349.776



75, 44.442, 350.731



94, 40.433, 108.458



48, 5.974, 347.218



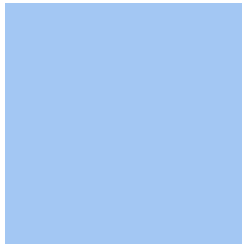
40, 66.643, 6.829



9, 29.875, 359.876

Previews

White Background



This preview shows how the CIELCh color 79, 25.651, 266.077 looks on a white background.

Color Contrast Check

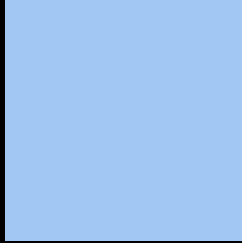
Large Text (above 18pt) WCAG AA × Fail

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, 25.651, 266.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

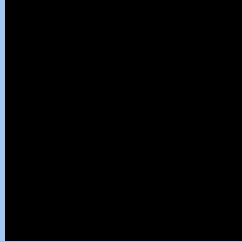
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

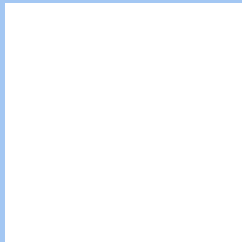
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 25.651, 266.077

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.651, 266.077.



This preview shows how white text looks on a background with the CIELCh color 79, 25.651, 266.077.

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, 25.651, 266.077

Protanopia

79, 24.670, 286.266

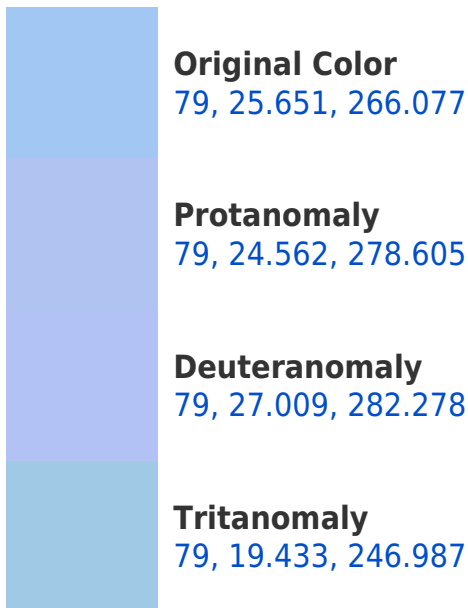
Deuteranopia

79, 28.356, 291.380

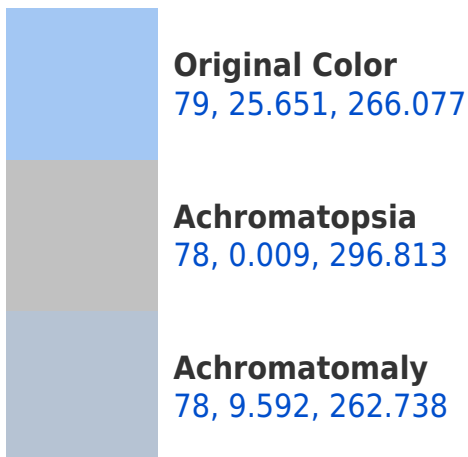


Tritanopia
79, 17.142, 228.558

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.651, 266.077 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(163, 199, 243)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 243)  
}
```

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(163, 199, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.651, 266.077 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(163, 199, 243) }
```

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

```
.border{ border-color:rgb(163, 199, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 243);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.651, 266.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 243) }
```

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

```
.background{ background-color: rgb(163,  
199, 243) }
```

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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