

Converting Colors

CIELCh(79, 22.350, 269.278)

Have a look what the booklet for
CIELCh(79, 22.350, 269.278)
contains.

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Color

CIELCh(79, 22.285, 268.969)

Conversions

Conversions Part 1

Format	Color
Hex	ABC6ED
RGB	171, 198, 237
RGB Percent	67%, 78%, 93%
CMY	0.3308, 0.2250, 0.0721
CMYK	0.28, 0.16, 0.00, 0.07
HSL	215°, 64%, 80%
HSV	215°, 28%, 93%
XYZ	52.0546, 54.9284, 87.6861
YIQ	194.3730, -28.6110, 6.4050

Conversions

Conversions Part 2

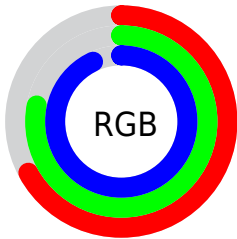
Format	Color
R_{YB}	171, 190, 237
Decimal	11257581
CIE _{Lab}	79.00, -0.40, -22.28
CIE _{LCh}	79, 22.285, 268.969
Yxy	54.9284, 0.2674, 0.2822
Android (android.graphics.Color)	4289447661 (0xFFABC6ED)
YUV	194.3730, 21.0151, -20.4981
Hunter-Lab	74.1137, -4.3275, -18.2682

Details

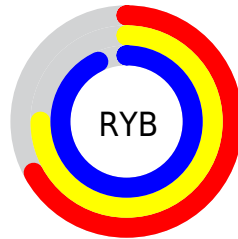
The CIELCh color **79, 22.285, 268.969** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85, 23.088, 80.907**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **59, 22.411, 269.204** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.335, 271.082**, and if you desaturate by 10%, it is **84, 14.262, 267.175**.

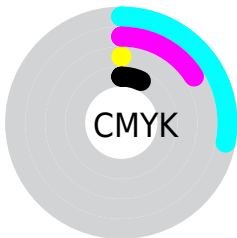
Distribution



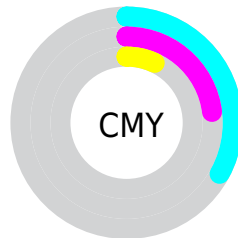
- Red (67%)
- Green (78%)
- Blue (93%)



- Red (67%)
- Yellow (75%)
- Blue (93%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)




- Cyan (33%)
- Magenta (23%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 22.285, 268.969 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, 22.285, 268.969 by changing the saturation by 10% instead.


 79, 22.285,
268.969

 79, 22.285,
268.969


 100, 22.285,
268.969


 69, 22.285,
268.969


 99, 22.285,
268.969

 59, 22.285,
268.969

 49, 22.285,
268.969

 39, 22.285,
268.969

 29, 22.285,
268.969

 19, 22.285,
268.969

 9, 22.285, 268.969

0, 22.285, 268.969

79, 22.285,
268.969

79, 22.285,
268.969

74, 30.335,
271.082

84, 14.262,
267.175

69, 38.422,
273.571

89, 6.275, 265.673

64, 46.566,
276.474

95, 1.665, 84.107

99, 8.592, 106.059

59, 54.813,
279.806

100, 9.305,
109.472

54, 63.228,
283.533

50, 71.861,
287.541

■ 46, 80.700,
291.615

■ 45, 82.593,
292.423

Harmonies

Complementary

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



79, 22.285, 268.969



85, 23.088, 80.907

Rectangle

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



79, 22.285, 268.969



79, 22.285, 318.969



79, 22.285, 88.969



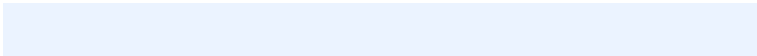
79, 22.285, 138.969

Sweetspot

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



79, 22.284, 268.967



96, 6.765, 265.692



89, 27.119, 165.709



50, 4.809, 265.901



0, 0.000, 0.000



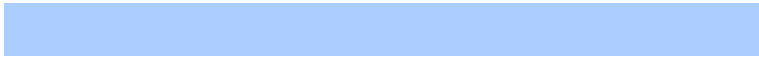
53, 0.007, 296.813

Same Dimension

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



79, 22.284, 268.967



82, 28.050, 270.034



72, 36.034, 296.352



46, 4.490, 265.889



34, 66.364, 291.700



8, 24.067, 284.347

Inverse Universe

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



77, 28.439, 351.687



79, 35.886, 352.360



92, 33.710, 111.098



46, 5.623, 349.660



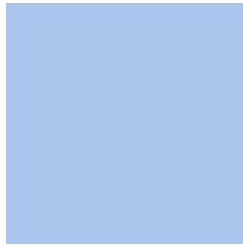
38, 65.475, 10.695



7, 27.995, 2.194

Previews

White Background



This preview shows how the CIELCh color 79, 22.285, 268.969 looks on a white background.

Color Contrast Check

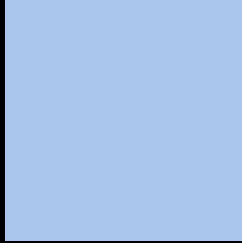
Large Text (above 18pt) WCAG AA × Fail

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, 22.285, 268.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

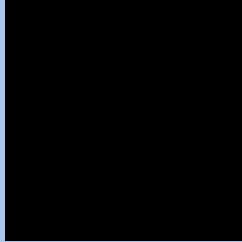
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

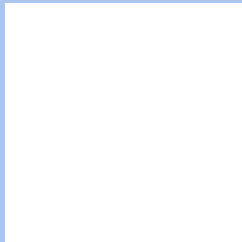
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 22.285, 268.969

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.285, 268.969.



This preview shows how white text looks on a background with the CIELCh color 79, 22.285, 268.969.

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, 22.285, 268.969

Protanopia

79, 21.971, 286.923

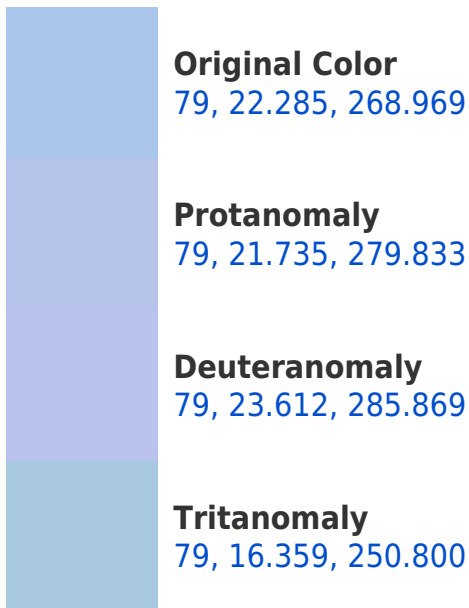
Deuteranopia

79, 25.179, 293.926



Tritanopia
79, 14.318, 235.566

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.285, 268.969 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(171, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 237)  
}
```

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(171, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.285, 268.969 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(171, 198, 237) }
```

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

```
.border{ border-color:rgb(171, 198, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 198, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 198, 237);  
box-shadow:4px 4px 4px 4px rgb(171, 198,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.285, 268.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 237) }
```

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

```
.background{ background-color: rgb(171,  
198, 237) }
```

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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