

Converting Colors

CIELCh(79, 32.023, 278.881)

Have a look what the booklet for
CIELCh(79, 32.023, 278.881)
contains.

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Color

CIELCh(79, 32.169, 279.078)

Conversions

Conversions Part 1

Format	Color
Hex	AAC3FE
RGB	170, 195, 254
RGB Percent	67%, 76%, 100%
CMY	0.3321, 0.2341, 0.0026
CMYK	0.33, 0.23, 0.00, 0.00
HSL	222°, 98%, 83%
HSV	222°, 33%, 100%
XYZ	54.1733, 54.9284, 101.7899
YIQ	194.2510, -33.8390, 13.0490

Conversions

Conversions Part 2

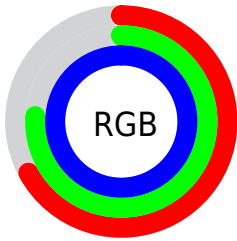
Format	Color
R_{YB}	170, 189, 254
Decimal	11191294
CIE Lab	79.00, 5.08, -31.77
CIE LCh	79, 32.169, 279.078
Yxy	54.9284, 0.2569, 0.2605
Android (android.graphics.Color)	4289381374 (0xFFAAC3FE)
YUV	194.2510, 29.4563, -21.2681
Hunter-Lab	74.1137, 0.7754, -29.5510

Details

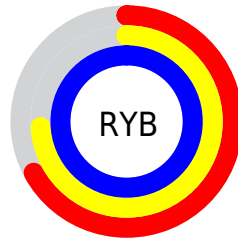
The CIELCh color **79, 32.169, 279.078** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **92, 31.928, 89.649**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.361, 213.181**, and **59, 31.883, 278.484** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.370, 281.254**, and if you desaturate by 10%, it is **85, 22.197, 277.218**.

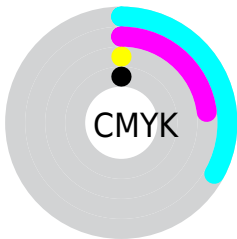
Distribution



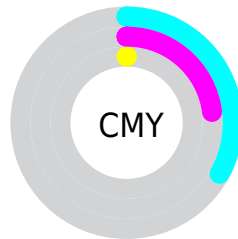
- Red (67%)
- Green (76%)
- Blue (100%)



- Red (67%)
- Yellow (74%)
- Blue (100%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.169, 279.078 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, 32.169, 279.078 by changing the saturation by 10% instead.


 79, 32.169,
279.078

 79, 32.169,
279.078


 100, 32.169,
279.078


 69, 32.169,
279.078


 99, 32.169,
279.078

 59, 32.169,
279.078

 49, 32.169,
279.078

 39, 32.169,
279.078

 29, 32.169,
279.078

 19, 32.169,
279.078

 9, 32.169, 279.078

■ 0, 32.169, 279.078

■ 79, 32.169,
279.078

■ 79, 32.169,
279.078

■ 73, 42.370,
281.254

■ 85, 22.197,
277.218

■ 67, 52.838,
283.784

■ 92, 12.436,
275.637

■ 61, 63.612,
286.682

■ 98, 2.873, 274.344

■ 55, 74.713,
289.914

■ 100, 0.328,
109.918

■ 49, 86.086,
293.373

■ 45, 97.482,
296.864

■ 42, 105.180,
299.136

Harmonies

Complementary

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



79, 32.169, 279.078



92, 31.928, 89.649

Rectangle

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



79, 32.169, 279.078



79, 32.169, 329.078



79, 32.169, 99.078



79, 32.169, 149.078

Sweetspot

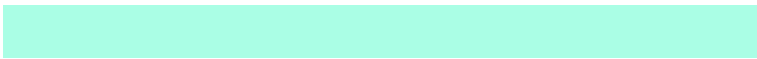
The Sweet Spot groups the original color and five complimentary colors.



79, 32.168, 279.077



94, 9.536, 275.208



94, 30.966, 172.620



49, 6.515, 275.404



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, 32.168, 279.077



75, 39.334, 280.559



74, 45.984, 300.834



50, 5.419, 275.140



31, 83.418, 298.558



8, 33.480, 293.685

Inverse Universe

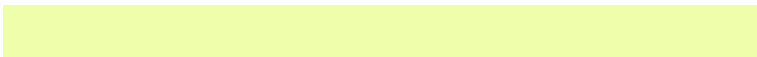
The Inverse Universe completely reimagines the original color for something new.



78, 34.171, 359.939



74, 41.744, 1.063



97, 42.621, 115.710



50, 5.659, 356.986



40, 70.769, 21.486



10, 31.471, 12.922

Previews

White Background



This preview shows how the CIELCh color 79, 32.169, 279.078 looks on a white background.

Color Contrast Check

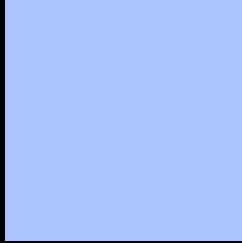
Large Text (above 18pt) WCAG AA × Fail

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, 32.169, 279.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

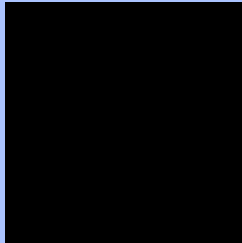
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

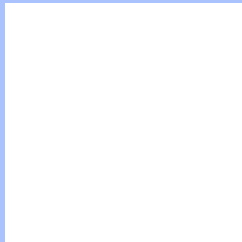
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 32.169, 279.078

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.169, 279.078.



This preview shows how white text looks on a background with the CIELCh color 79, 32.169, 279.078.

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

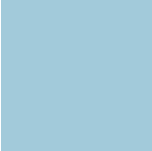
79, 32.169, 279.078

Protanopia

79, 32.198, 285.716

Deuteranopia

79, 33.732, 287.813



Tritanopia
79, 15.589, 232.036

Trichromacy



Original Color
79, 32.169, 279.078

Protanomaly
79, 31.833, 282.783

Deuteranomaly
79, 33.313, 285.031

Tritanomaly
79, 19.723, 256.422

Monochromacy



Original Color
79, 32.169, 279.078

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 12.097, 276.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.169, 279.078 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(170, 195, 254)` looks like.

```
.text, #text, p{  
    color:rgb(170, 195, 254)  
}
```

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(170, 195, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 195, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.169, 279.078 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(170, 195, 254) }
```

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

```
.border{ border-color:rgb(170, 195, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 195, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 195, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 195, 254); box-shadow:4px 4px 4px 4px rgb(170, 195, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.169, 279.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 195, 254) }
```

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

```
.background{ background-color: rgb(170,  
195, 254) }
```

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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