

Converting Colors

CIELCh(79, 30.208, 275.190)

Have a look what the booklet for
CIELCh(79, 30.208, 275.190)
contains.

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Color

CIELCh(79, 29.939, 274.630)

Conversions

Conversions Part 1

Format	Color
Hex	A7C5FB
RGB	167, 197, 251
RGB Percent	65%, 77%, 98%
CMY	0.3462, 0.2286, 0.0169
CMYK	0.34, 0.22, 0.00, 0.02
HSL	219°, 91%, 82%
HSV	219°, 34%, 98%
XYZ	53.1376, 54.9284, 98.8138
YIQ	194.1860, -35.2140, 10.4340

Conversions

Conversions Part 2

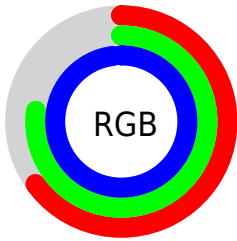
Format	Color
R_{YB}	167, 189, 251
Decimal	10995195
CIE _{Lab}	79.00, 2.42, -29.84
CIE _{LCh}	79, 29.939, 274.630
Yxy	54.9284, 0.2569, 0.2655
Android (android.graphics.Color)	4289185275 (0xFFA7C5FB)
YUV	194.1860, 28.0093, -23.8421
Hunter-Lab	74.1137, -1.7190, -27.1702

Details

The CIELCh color **79, 29.939, 274.630** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **89, 30.474, 84.747**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.162, 201.722**, and **59, 30.011, 274.731** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.133, 276.902**, and if you desaturate by 10%, it is **85, 20.869, 272.693**.

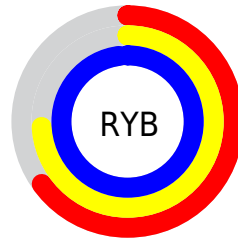
Distribution



Red (65%)

Green (77%)

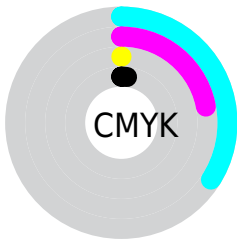
Blue (98%)



Red (65%)

Yellow (74%)

Blue (98%)

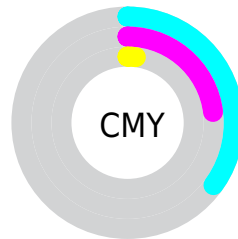


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (35%)


Magenta (23%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 29.939, 274.630 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, 29.939, 274.630 by changing the saturation by 10% instead.


 79, 29.939,
274.630


 79, 29.939,
274.630


 100, 29.939,
274.630


 69, 29.939,
274.630


 99, 29.939,
274.630

 59, 29.939,
274.630

 49, 29.939,
274.630

 39, 29.939,
274.630

 29, 29.939,
274.630

 19, 29.939,
274.630

 9, 29.939, 274.630

■ 0, 29.939, 274.630

■ 79, 29.939,
274.630

■ 79, 29.939,
274.630

■ 73, 39.133,
276.902

■ 85, 20.869,
272.693

■ 68, 48.481,
279.552

■ 91, 11.916,
271.050

■ 62, 58.023,
282.601

■ 96, 3.077, 269.710

■ 57, 67.810,
286.028

■ 100, 2.173,
109.980

■ 52, 77.862,
289.739

■ 47, 88.102,
293.557

■ 44, 94.756,
295.931

Harmonies

Complementary

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



79, 29.939, 274.630



89, 30.474, 84.747

Rectangle

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



79, 29.939, 274.630



79, 29.939, 324.630



79, 29.939, 94.630



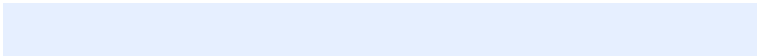
79, 29.939, 144.630

Sweetspot

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



79, 29.938, 274.629



94, 8.931, 270.540



93, 32.609, 168.115



49, 6.098, 270.741



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, 29.938, 274.629



76, 36.398, 276.073



72, 45.986, 298.719



49, 4.993, 270.468



33, 75.147, 295.267



8, 29.437, 289.621

Inverse Universe

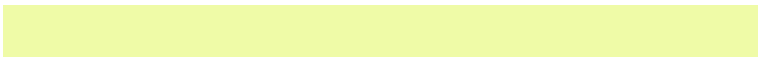
The Inverse Universe completely reimagines the original color for something new.



77, 35.080, 355.854



75, 42.613, 356.850



96, 42.407, 112.811



49, 5.745, 352.956



40, 68.364, 15.877



9, 30.460, 7.897

Previews

White Background



This preview shows how the CIELCh color 79, 29.939, 274.630 looks on a white background.

Color Contrast Check

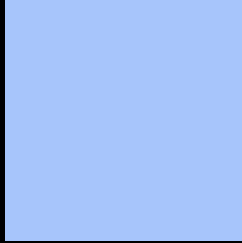
Large Text (above 18pt) WCAG AA × Fail

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, 29.939, 274.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

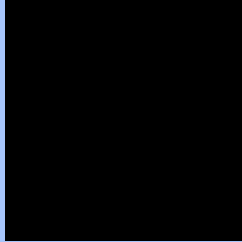
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

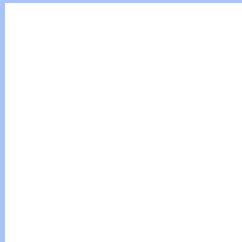
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 29.939, 274.630

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.939, 274.630.



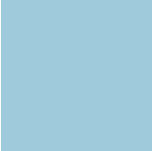
This preview shows how white text looks on a background with the CIELCh color 79, 29.939, 274.630.

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, 16.605, 231.913

Trichromacy



Original Color
79, 29.939, 274.630

Protanomaly
79, 29.754, 281.773

Deuteranomaly
79, 31.227, 283.644

Tritanomaly
79, 20.227, 254.241

Monochromacy



Original Color
79, 29.939, 274.630

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 11.270, 271.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.939, 274.630 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(167, 197, 251)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 251)  
}
```

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(167, 197, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.939, 274.630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

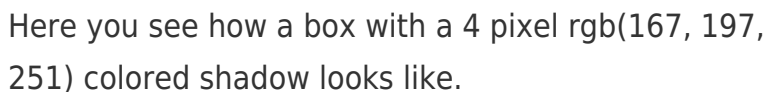
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 197, 251) }
```

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

```
.border{ border-color:rgb(167, 197, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 197, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 197, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 197, 251); box-shadow:4px 4px 4px 4px rgb(167, 197, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.939, 274.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 197, 251) }
```

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

```
.background{ background-color: rgb(167,  
197, 251) }
```

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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