

Converting Colors

CIELCh(76, 31.369, 279.490)

Have a look what the booklet for
CIELCh(76, 31.369, 279.490)
contains.

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Color

CIELCh(76, 31.311, 279.183)

Conversions

Conversions Part 1

Format	Color
Hex	A3BBF4
RGB	163, 187, 244
RGB Percent	64%, 73%, 96%
CMY	0.3606, 0.2665, 0.0429
CMYK	0.33, 0.23, 0.00, 0.04
HSL	222°, 79%, 80%
HSV	222°, 33%, 96%
XYZ	49.2315, 49.8872, 92.6631
YIQ	186.3220, -32.6010, 12.6390

Conversions

Conversions Part 2

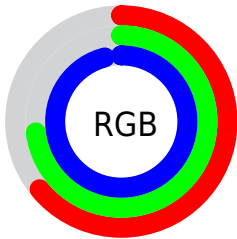
Format	Color
R _Y B	163, 182, 244
Decimal	10730484
CIE Lab	76.00, 5.00, -30.91
CIE LCh	76, 31.311, 279.183
Yxy	49.8872, 0.2567, 0.2601
Android (android.graphics.Color)	4288920564 (0xFFA3BBF4)
YUV	186.3220, 28.4353, -20.4534
Hunter-Lab	70.6309, 0.8148, -28.3429

Details

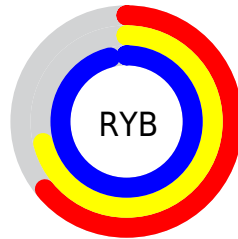
The CIELCh color **76, 31.311, 279.183** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **88, 31.060, 89.733**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.784, 238.286**, and **56, 31.517, 279.494** is the 20% darker color. If you saturate the color by 10%, you get **70, 41.197, 281.355**, and if you desaturate by 10%, it is **82, 21.648, 277.326**.

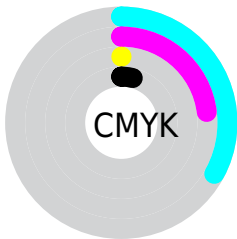
Distribution



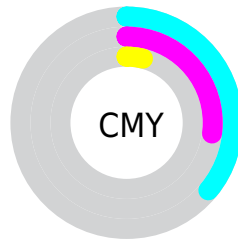
- Red (64%)
- Green (73%)
- Blue (96%)



- Red (64%)
- Yellow (71%)
- Blue (96%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)





- Cyan (36%)
- Magenta (27%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 31.311, 279.183 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 76, 31.311, 279.183 by changing the saturation by 10% instead.


 76, 31.311,
279.183


 76, 31.311,
279.183


 100, 31.311,
279.183


 66, 31.311,
279.183


 96, 31.311,
279.183


 56, 31.311,
279.183

 46, 31.311,
279.183

 36, 31.311,
279.183

 26, 31.311,
279.183

 16, 31.311,
279.183

 6, 31.311, 279.183

■ 0, 31.311, 279.183

■ 76, 31.311,
279.183

■ 76, 31.311,
279.183

■ 70, 41.197,
281.355

■ 82, 21.648,
277.326

■ 64, 51.343,
283.879

■ 88, 12.191,
275.746

■ 58, 61.786,
286.769

■ 94, 2.927, 274.450

■ 53, 72.547,
289.990

■ 100, 5.540,
109.750

■ 47, 83.568,
293.437

■ 43, 94.609,
296.913

■ 40,101.900,
299.121

Harmonies

Complementary

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



76, 31.311, 279.183



88, 31.060, 89.733

Rectangle

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



76, 31.311, 279.183



76, 31.311, 329.183



76, 31.311, 99.183



76, 31.311, 149.183

Sweetspot

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



76, 31.310, 279.182



94, 9.550, 275.299



91, 30.086, 172.610



49, 6.524, 275.495



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 31.310, 279.182



75, 39.398, 280.646



71, 44.691, 300.843



48, 5.248, 275.226



30, 81.747, 298.554



7, 30.957, 292.580

Inverse Universe

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



75, 33.194, 0.041



74, 41.729, 1.153



93, 41.413, 115.705



48, 5.469, 357.068



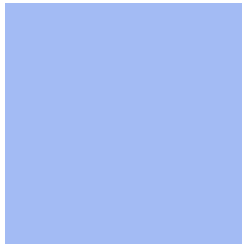
39, 69.356, 21.479



9, 29.686, 11.451

Previews

White Background



This preview shows how the CIELCh color 76, 31.311, 279.183 looks on a white background.

Color Contrast Check

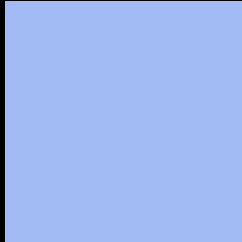
Large Text (above 18pt) WCAG AA × Fail

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 76, 31.311, 279.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

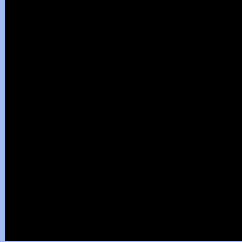
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

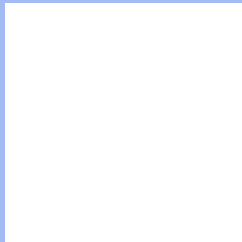
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 31.311, 279.183

Background



This preview shows how black text looks on a background with the CIELCh color 76, 31.311, 279.183.



This preview shows how white text looks on a background with the CIELCh color 76, 31.311, 279.183.

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

76, 31.311, 279.183

Protanopia

76, 30.854, 285.299

Deuteranopia

76, 32.926, 287.670



Tritanopia
76, 15.152, 233.486

Trichromacy



Original Color
76, 31.311, 279.183

Protanomaly
76, 30.977, 283.021

Deuteranomaly
76, 32.509, 284.801

Tritanomaly
76, 19.527, 258.156

Monochromacy



Original Color
76, 31.311, 279.183

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 11.603, 277.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 31.311, 279.183 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, 187, 244)` looks like.

```
.text, #text, p{  
    color:rgb(163, 187, 244)  
}
```

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, 187, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 187, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 31.311, 279.183 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, 187, 244) }
```

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

```
.border{ border-color:rgb(163, 187, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 187, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 187, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 187, 244);  
box-shadow:4px 4px 4px 4px rgb(163, 187,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 31.311, 279.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 187, 244) }
```

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

```
.background{ background-color: rgb(163,  
187, 244) }
```

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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