

Converting Colors

CIELCh(76, 26.136, 272.212)

Have a look what the booklet for
CIELCh(76, 26.136, 272.212)
contains.

CIELCh(76, 26.079, 271.793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 26.079, 271.793)

Conversions

Conversions Part 1

Format	Color
Hex	A0BDEB
RGB	160, 189, 235
RGB Percent	63%, 74%, 92%
CMY	0.3724, 0.2587, 0.0783
CMYK	0.32, 0.20, 0.00, 0.08
HSL	217°, 65%, 77%
HSV	217°, 32%, 92%
XYZ	47.7096, 49.8872, 85.7390
YIQ	185.5730, -32.0500, 8.1580

Conversions

Conversions Part 2

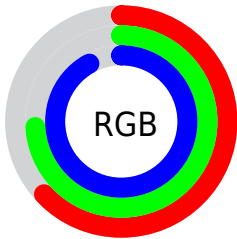
Format	Color
RYB	160, 181, 235
Decimal	10534379
CIELab	76.00, 0.82, -26.07
CIELCh	76, 26.079, 271.793
Yxy	49.8872, 0.2602, 0.2721
Android (android.graphics.Color)	4288724459 (0xFFFA0BDEB)
YUV	185.5730, 24.3675, -22.4275
Hunter-Lab	70.6309, -3.0312, -22.5306

Details

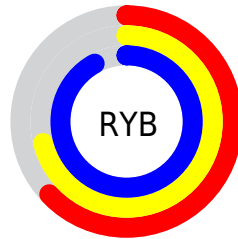
The CIELCh color **76, 26.079, 271.793** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 26.877, 82.410**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.881, 227.192**, and **56, 25.981, 271.428** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.389, 274.029**, and if you desaturate by 10%, it is **81, 17.834, 269.890**.

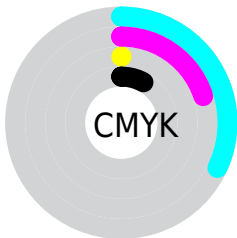
Distribution



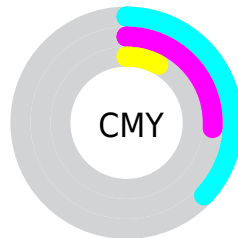
- Red (63%)
- Green (74%)
- Blue (92%)



- Red (63%)
- Yellow (71%)
- Blue (92%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)





- Cyan (37%)
- Magenta (26%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.079, 271.793 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, 26.079, 271.793 by changing the saturation by 10% instead.


 76, 26.079,
271.793


 76, 26.079,
271.793


 100, 26.079,
271.793


 66, 26.079,
271.793


 96, 26.079,
271.793

 56, 26.079,
271.793

 46, 26.079,
271.793

 36, 26.079,
271.793

 26, 26.079,
271.793

 16, 26.079,
271.793

 6, 26.079, 271.793

0, 26.079, 271.793

76, 26.079,
271.793

76, 26.079,
271.793

71, 34.389,
274.029

81, 17.834,
269.890

66, 42.785,
276.647

87, 9.656, 268.281

60, 51.300,
279.676

92, 1.549, 267.065

97, 6.480, 85.620

56, 59.985,
283.110

100, 10.105,
109.413

51, 68.892,
286.881

47, 78.022,
290.834

■ 43, 85.509,
293.952

Harmonies

Complementary

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



76, 26.079, 271.793



84, 26.877, 82.410

Rectangle

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



76, 26.079, 271.793



76, 26.079, 321.793



76, 26.079, 91.793



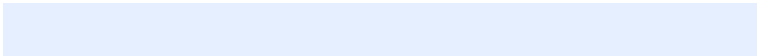
76, 26.079, 141.793

Sweetspot

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



76, 26.078, 271.792



94, 8.657, 268.012



88, 30.324, 166.248



49, 5.909, 268.215



0, 0.000, 0.000



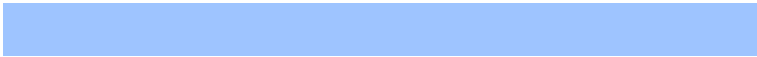
53, 0.007, 296.813

Same Dimension

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



76, 26.078, 271.792



78, 33.261, 273.149



69, 41.375, 297.422



46, 4.595, 267.930



33, 69.082, 293.272



7, 24.929, 285.949

Inverse Universe

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



74, 32.100, 353.655



76, 40.962, 354.543



91, 38.292, 111.491



46, 5.547, 351.061



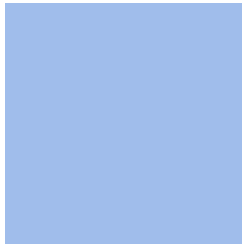
38, 65.740, 12.875



7, 27.915, 3.809

Previews

White Background



This preview shows how the CIELCh color 76, 26.079, 271.793 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, 26.079, 271.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

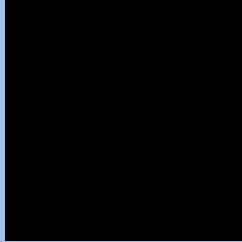
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

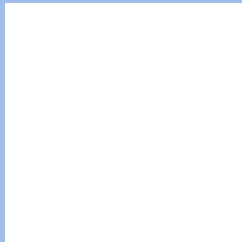
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 26.079, 271.793

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.079, 271.793.



This preview shows how white text looks on a background with the CIELCh color 76, 26.079, 271.793.

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, 26.079, 271.793

Protanopia

76, 25.421, 285.844

Deuteranopia

76, 28.580, 290.834



Tritanopia
76, 15.416, 230.333

Trichromacy



Original Color
76, 26.079, 271.793

Protanomaly
76, 25.690, 280.872

Deuteranomaly
76, 27.643, 284.646

Tritanomaly
76, 17.995, 250.250

Monochromacy



Original Color
76, 26.079, 271.793

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.739, 269.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.079, 271.793 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(160, 189, 235)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 235)  
}
```

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(160, 189, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.079, 271.793 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(160, 189, 235) }
```

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

```
.border{ border-color:rgb(160, 189, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 189, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 235);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.079, 271.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 235) }
```

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

```
.background{ background-color: rgb(160,  
189, 235) }
```

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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