

Converting Colors

CIELCh(76, 41.497, 241.889)

Have a look what the booklet for
CIELCh(76, 41.497, 241.889)
contains.

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Color

CIELCh(76, 41.486, 241.703)

Conversions

Conversions Part 1

Format	Color
Hex	3EC9FE
RGB	62, 201, 254
RGB Percent	24%, 79%, 100%
CMY	0.7575, 0.2122, 0.0044
CMYK	0.76, 0.21, 0.00, 0.00
HSL	197°, 99%, 62%
HSV	197°, 76%, 100%
XYZ	40.7059, 49.8872, 101.1511
YIQ	165.4810, -99.8570, -12.9850

Conversions

Conversions Part 2

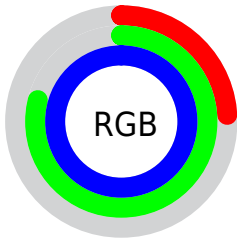
Format	Color
RYB	62, 143, 254
Decimal	4114942
CIELab	76.00, -19.67, -36.53
CIElCh	76, 41.486, 241.703
Yxy	49.8872, 0.2123, 0.2602
Android (android.graphics.Color)	4282305022 (0xFF3EC9FE)
YUV	165.4810, 43.6399, -90.7528
Hunter-Lab	70.6309, -20.7313, -35.4680

Details

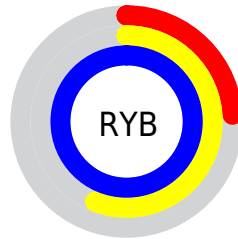
The CIELCh color **76, 41.486, 241.703** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **65, 73.272, 46.992**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.363, 197.247**, and **57, 37.885, 247.261** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.227, 245.705**, and if you desaturate by 10%, it is **79, 38.102, 238.406**.

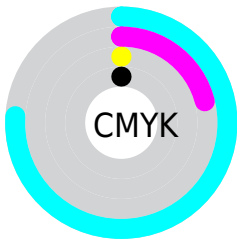
Distribution



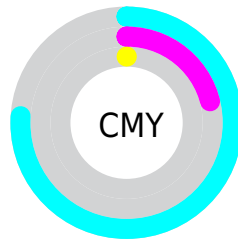
- Red (24%)
- Green (79%)
- Blue (100%)



- Red (24%)
- Yellow (56%)
- Blue (100%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (21%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 41.486, 241.703 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, 41.486, 241.703 by changing the saturation by 10% instead.


 76, 41.486,
241.703


 76, 41.486,
241.703


 100, 41.486,
241.703


 66, 41.486,
241.703


 96, 41.486,
241.703

 56, 41.486,
241.703

 46, 41.486,
241.703

 36, 41.486,
241.703

 26, 41.486,
241.703

 16, 41.486,
241.703

 6, 41.486, 241.703

■ 0, 41.486, 241.703

■ 76, 41.486,
241.703

■ 76, 41.486,
241.703

■ 74, 44.227,
245.705

■ 79, 38.102,
238.406

■ 71, 46.503,
250.397

■ 81, 34.000,
235.751

■ 70, 47.453,
252.552

■ 84, 29.177,
233.649

■ 87, 23.686,
232.002

■ 91, 17.610,
230.726

■ 94, 11.043,
229.752

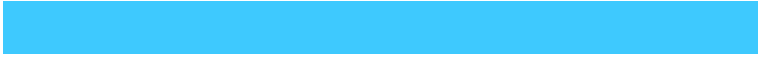
■ 98, 4.080, 229.082

100, 0.555,
109.997

Harmonies

Complementary

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



76, 41.486, 241.703



65, 73.272, 46.992

Rectangle

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



76, 41.486, 241.703



76, 41.486, 291.703



76, 41.486, 61.703



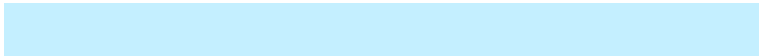
76, 41.486, 111.703

Sweetspot

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



76, 41.485, 241.703



92, 15.971, 230.441



88, 91.670, 144.278



48, 10.937, 230.836



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, 41.485, 241.703



73, 45.644, 248.147



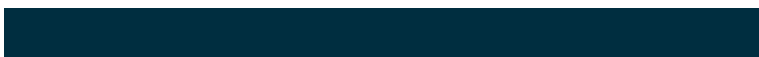
50, 85.169, 294.407



51, 4.086, 229.293



54, 38.094, 251.623



17, 16.832, 244.858

Inverse Universe

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



61, 87.344, 339.802



58, 93.121, 341.971



86, 73.941, 88.582



50, 7.468, 333.939



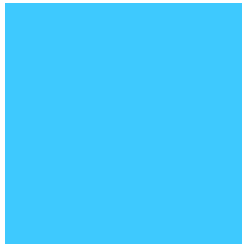
43, 75.495, 343.193



11, 35.535, 340.914

Previews

White Background



This preview shows how the CIELCh color 76, 41.486, 241.703 looks on a white background.

Color Contrast Check

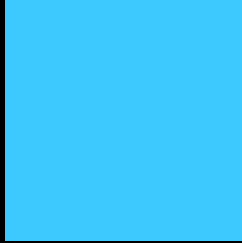
Large Text (above 18pt) WCAG AA × Fail

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, 41.486, 241.703 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

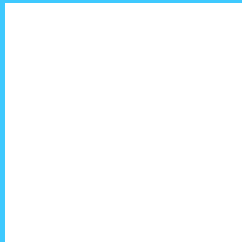
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 41.486, 241.703

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.486, 241.703.

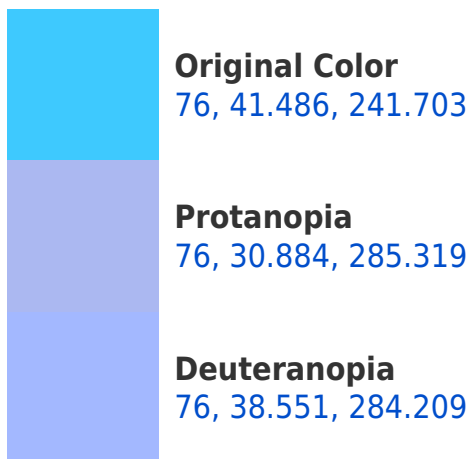


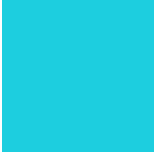
This preview shows how white text looks on a background with the CIELCh color 76, 41.486, 241.703.

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](#).

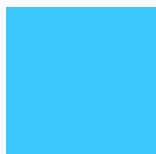
Dichromacy



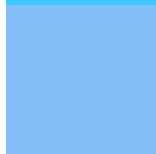


Tritanopia
76, 40.133, 210.105

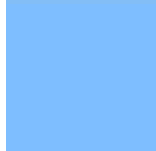
Trichromacy



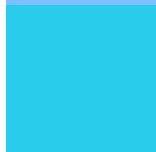
Original Color
76, 41.486, 241.703



Protanomaly
75, 33.905, 262.654

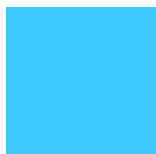


Deuteranomaly
75, 38.423, 265.670

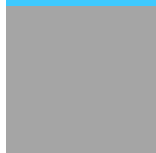


Tritanomaly
76, 39.449, 221.546

Monochromacy



Original Color
76, 41.486, 241.703



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 19.259, 231.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.486, 241.703 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(62, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(62, 201, 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(62, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 201, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.486, 241.703 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(62, 201, 254) }
```

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

```
.border{ border-color:rgb(62, 201, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(62, 201,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.486, 241.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 201, 254) }
```

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

```
.background{ background-color: rgb(62, 201,  
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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