

Converting Colors

CIELCh(77, 54.165, 282.872)

Have a look what the booklet for
CIELCh(77, 54.165, 282.872)
contains.

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Color

CIELCh(76, 37.554, 274.395)

Conversions

Conversions Part 1

Format	Color
Hex	93BDFF
RGB	147, 189, 255
RGB Percent	58%, 74%, 100%
CMY	0.4234, 0.2588, 0.0000
CMYK	0.42, 0.26, 0.00, 0.00
HSL	217°, 100%, 79%
HSV	217°, 42%, 100%
XYZ	48.4562, 49.8872, 102.5806
YIQ	183.9660, -46.2180, 11.6220

Conversions

Conversions Part 2

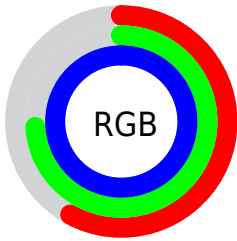
Format	Color
RYB	147, 177, 255
Decimal	9682431
CIELab	76.00, 2.88, -37.44
CIELCh	76, 37.554, 274.395
Yxy	49.8872, 0.2412, 0.2483
Android (android.graphics.Color)	4287872511 (0xFF93BDFF)
YUV	183.9660, 35.0198, -32.4192
Hunter-Lab	70.6309, -1.1446, -36.6681

Details

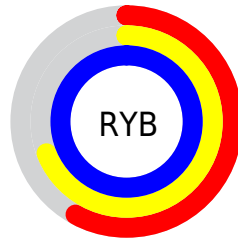
The CIELCh color **76, 37.554, 274.395** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **87, 38.572, 80.751**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.351, 219.768**, and **56, 36.973, 274.103** is the 20% darker color. If you saturate the color by 10%, you get **70, 45.973, 276.666**, and if you desaturate by 10%, it is **82, 28.172, 271.737**.

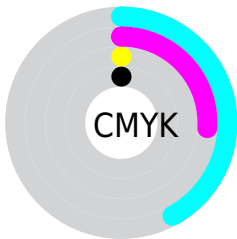
Distribution



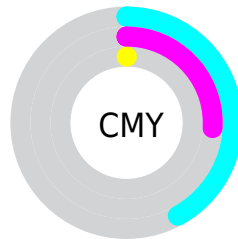
- Red (58%)
- Green (74%)
- Blue (100%)



- Red (58%)
- Yellow (69%)
- Blue (100%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 37.554, 274.395 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, 37.554, 274.395 by changing the saturation by 10% instead.


 76, 37.554,
274.395


 76, 37.554,
274.395


 100, 37.554,
274.395


 66, 37.554,
274.395


 96, 37.554,
274.395

 56, 37.554,
274.395

 46, 37.554,
274.395

 36, 37.554,
274.395

 26, 37.554,
274.395

 16, 37.554,
274.395

 6, 37.554, 274.395

■ 0, 37.554, 274.395

■ 76, 37.554,
274.395

■ 76, 37.554,
274.395

■ 70, 45.973,
276.666

■ 82, 28.172,
271.737

■ 65, 55.044,
279.741

■ 87, 19.386,
269.808

■ 60, 64.298,
283.224

■ 93, 10.667,
268.177

■ 55, 73.790,
287.040

■ 99, 2.020, 266.908

■ 50, 83.518,
291.027

100, 0.012,
296.813

■ 47, 91.066,
294.000

Harmonies

Complementary

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



76, 37.554, 274.395



87, 38.572, 80.751

Rectangle

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



76, 37.554, 274.395



76, 37.554, 324.395



76, 37.554, 94.395



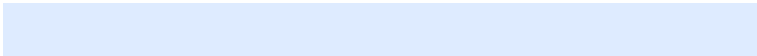
76, 37.554, 144.395

Sweetspot

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



76, 37.029, 274.007



93, 11.242, 268.276



93, 42.234, 164.940



48, 7.873, 268.617



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, 37.029, 274.007



71, 44.770, 276.286



66, 59.932, 298.912



50, 4.911, 267.766



35, 72.004, 293.297



9, 28.908, 287.677

Inverse Universe

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



73, 45.687, 355.088



69, 54.744, 356.619



97, 53.686, 110.654



50, 5.948, 350.945



41, 68.481, 12.912



10, 31.286, 5.757

Previews

White Background



This preview shows how the CIELCh color 76, 37.554, 274.395 looks on a white background.

Color Contrast Check

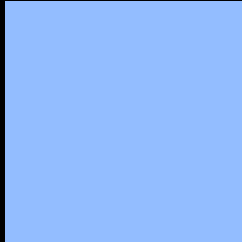
Large Text (above 18pt) WCAG AA × Fail

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, 37.554, 274.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

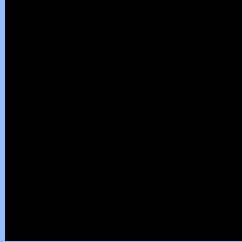
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

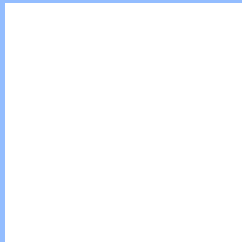
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 37.554, 274.395

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.554, 274.395.



This preview shows how white text looks on a background with the CIELCh color 76, 37.554, 274.395.

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](#).

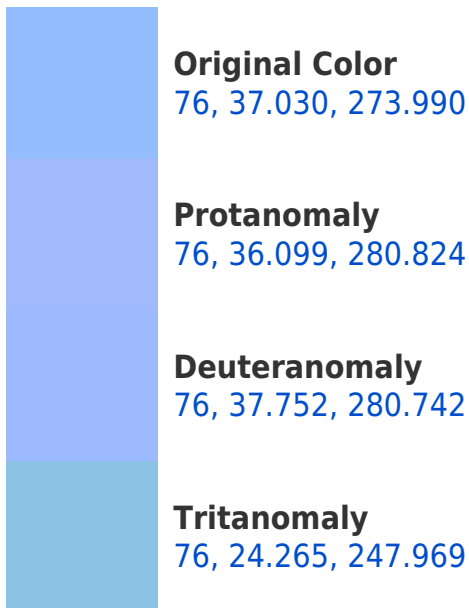
Dichromacy



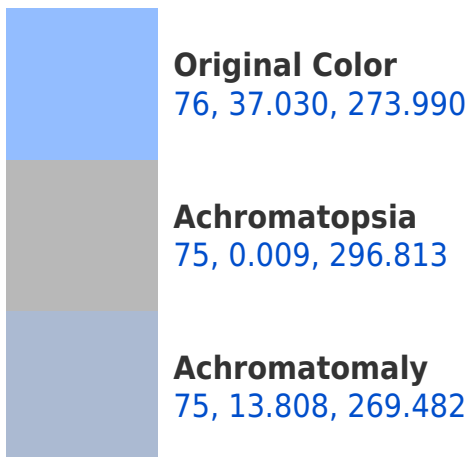


Tritanopia
76, 21.062, 222.441

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.554, 274.395 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(147, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 189, 255)  
}
```

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(147, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 189, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.554, 274.395 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(147, 189, 255) }
```

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

```
.border{ border-color:rgb(147, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 189,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.554, 274.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 189, 255) }
```

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

```
.background{ background-color: rgb(147,  
189, 255) }
```

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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