

Converting Colors

CIELCh(76, 36.676, 270.437)

Have a look what the booklet for
CIELCh(76, 36.676, 270.437)
contains.

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Color

CIELCh(76, 37.075, 270.864)

Conversions

Conversions Part 1

Format	Color
Hex	8DBEFF
RGB	141, 190, 255
RGB Percent	55%, 75%, 100%
CMY	0.4458, 0.2537, 0.0000
CMYK	0.45, 0.25, 0.00, 0.00
HSL	214°, 100%, 78%
HSV	214°, 45%, 100%
XYZ	47.6172, 49.8872, 101.9966
YIQ	182.7590, -50.0690, 9.8270

Conversions

Conversions Part 2

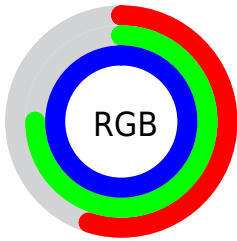
Format	Color
RYB	141, 175, 255
Decimal	9289471
CIELab	76.00, 0.56, -37.07
CIELCh	76, 37.075, 270.864
Yxy	49.8872, 0.2387, 0.2501
Android (android.graphics.Color)	4287479551 (0xFF8DBEFF)
YUV	182.7590, 35.6148, -36.6226
Hunter-Lab	70.6309, -3.2649, -36.1778

Details

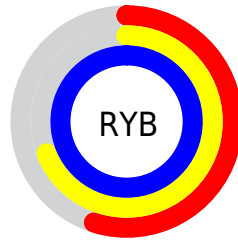
The CIELCh color **76, 37.075, 270.864** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86, 39.746, 76.540**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.975, 215.465**, and **56, 36.996, 270.867** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.201, 273.541**, and if you desaturate by 10%, it is **81, 28.645, 268.335**.

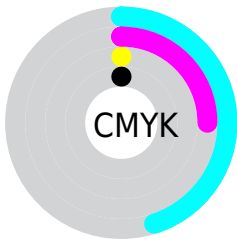
Distribution



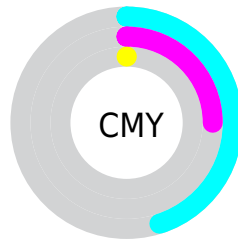
- Red (55%)
- Green (75%)
- Blue (100%)



- Red (55%)
- Yellow (69%)
- Blue (100%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 37.075, 270.864 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, 37.075, 270.864 by changing the saturation by 10% instead.


 76, 37.075,
270.864


 76, 37.075,
270.864


 100, 37.075,
270.864


 66, 37.075,
270.864


 96, 37.075,
270.864

 56, 37.075,
270.864

 46, 37.075,
270.864

 36, 37.075,
270.864

 26, 37.075,
270.864

 16, 37.075,
270.864

 6, 37.075, 270.864

■ 0, 37.075, 270.864

■ 76, 37.075,
270.864

■ 76, 37.075,
270.864

■ 71, 45.201,
273.541

■ 81, 28.645,
268.335

■ 66, 53.525,
276.801

■ 87, 20.361,
266.308

■ 61, 61.959,
280.495

■ 92, 12.073,
264.600

■ 56, 70.581,
284.542

■ 98, 3.795, 263.206

■ 52, 79.438,
288.768

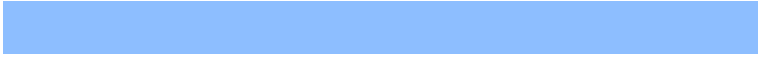
100, 0.012,
296.813

■ 50, 84.334,
290.994

Harmonies

Complementary

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



76, 37.075, 270.864



86, 39.746, 76.540

Rectangle

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



76, 37.075, 270.864



76, 37.075, 320.864



76, 37.075, 90.864



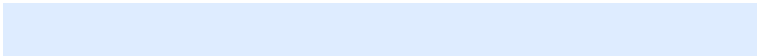
76, 37.075, 140.864

Sweetspot

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



76, 36.921, 270.730



93, 10.763, 264.356



92, 45.529, 162.678



48, 7.532, 264.698



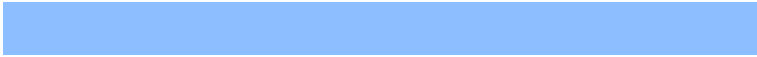
0, 0.000, 0.000



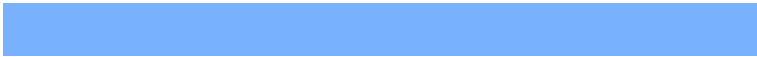
53, 0.007, 296.813

Same Dimension

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



76, 36.921, 270.730



72, 43.890, 273.067



64, 63.375, 298.319



50, 4.706, 263.845



38, 66.690, 290.238



10, 26.862, 284.255

Inverse Universe

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



72, 48.971, 352.645



68, 57.671, 354.093



97, 56.250, 108.960



50, 6.103, 348.354



41, 68.055, 8.798



10, 31.393, 2.179

Previews

White Background



This preview shows how the CIELCh color 76, 37.075, 270.864 looks on a white background.

Color Contrast Check

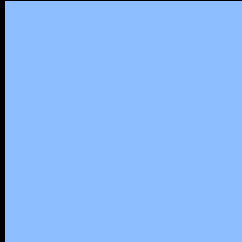
Large Text (above 18pt) WCAG AA × Fail

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, 37.075, 270.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

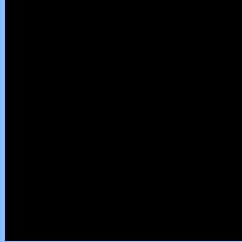
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

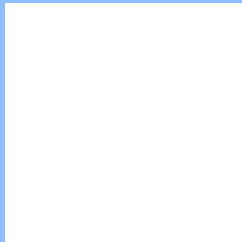
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 37.075, 270.864

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.075, 270.864.



This preview shows how white text looks on a background with the CIELCh color 76, 37.075, 270.864.

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, 37.075, 270.864

Protanopia

76, 35.743, 285.484

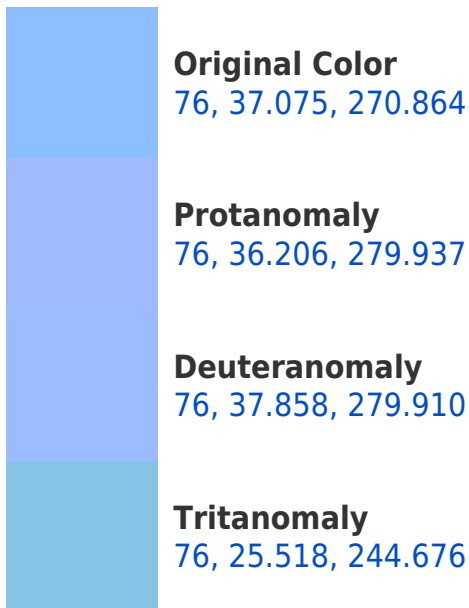
Deuteranopia

76, 38.479, 285.061

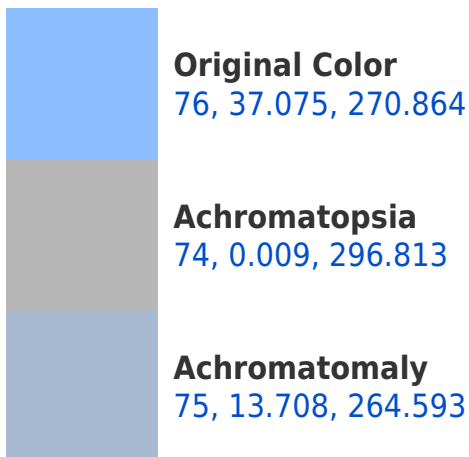


Tritanopia
76, 22.811, 220.343

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.075, 270.864 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(141, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 190, 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(141, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 190, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.075, 270.864 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(141, 190, 255) }
```

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

```
.border{ border-color:rgb(141, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 190, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 190, 255); box-shadow:4px 4px 4px 4px rgb(141, 190, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.075, 270.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 190, 255) }
```

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

```
.background{ background-color: rgb(141,  
190, 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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