

Converting Colors

CIELCh(79, 60.875, 279.225)

Have a look what the booklet for
CIELCh(79, 60.875, 279.225)
contains.

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Color

CIELCh(77, 36.307, 260.247)

Conversions

Conversions Part 1

Format	Color
Hex	7FC5FF
RGB	127, 197, 255
RGB Percent	50%, 77%, 100%
CMY	0.5031, 0.2288, 0.0000
CMYK	0.50, 0.23, 0.00, 0.00
HSL	207°, 100%, 75%
HSV	207°, 50%, 100%
XYZ	46.7593, 51.5317, 102.6793
YIQ	182.6820, -60.3380, 3.1980

Conversions

Conversions Part 2

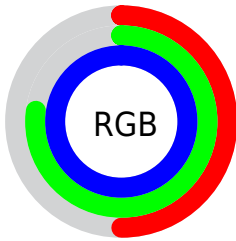
Format	Color
RYB	127, 172, 255
Decimal	8373759
CIELab	77.00, -6.15, -35.78
CIELCh	77, 36.307, 260.247
Yxy	51.5317, 0.2327, 0.2564
Android (android.graphics.Color)	4286563839 (0xFF7FC5FF)
YUV	182.6820, 35.6528, -48.8331
Hunter-Lab	71.7856, -9.3545, -34.5561

Details

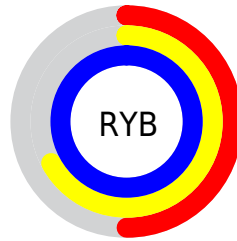
The CIELCh color **77, 36.307, 260.247** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 43.703, 64.513**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 21.934, 199.418**, and **57, 36.000, 259.975** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.479, 262.988**, and if you desaturate by 10%, it is **81, 29.295, 257.208**.

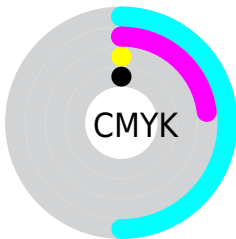
Distribution



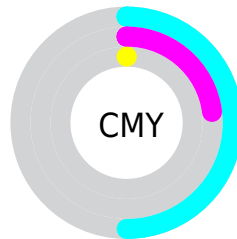
- Red (50%)
- Green (77%)
- Blue (100%)



- Red (50%)
- Yellow (67%)
- Blue (100%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (23%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 36.307, 260.247 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 77, 36.307, 260.247 by changing the saturation by 10% instead.

 77, 36.307,
260.247


 77, 36.307,
260.247


 100, 36.307,
260.247


 67, 36.307,
260.247


 97, 36.307,
260.247

 57, 36.307,
260.247

 47, 36.307,
260.247

 37, 36.307,
260.247

 27, 36.307,
260.247

 17, 36.307,
260.247

 7, 36.307, 260.247

■ 0, 36.307, 260.247

■ 77, 36.307,
260.247

■ 77, 36.307,
260.247

■ 73, 42.479,
262.988

■ 81, 29.295,
257.208

■ 69, 48.729,
266.684

■ 86, 22.325,
255.019

■ 65, 54.852,
270.917

■ 90, 15.133,
253.207

■ 61, 60.988,
275.590

■ 95, 7.758, 251.722

■ 58, 67.109,
280.273

100, 0.243,
252.385

100, 0.012,
296.813

Harmonies

Complementary

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



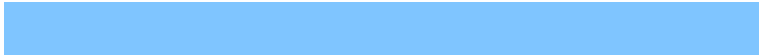
77, 36.307, 260.247



80, 43.703, 64.513

Rectangle

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



77, 36.307, 260.247



77, 36.307, 310.247



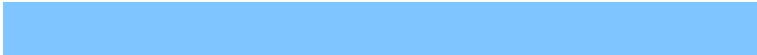
77, 36.307, 80.247



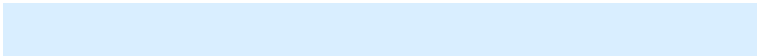
77, 36.307, 130.247

Sweetspot

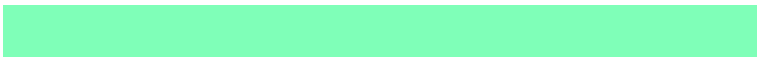
The Sweet Spot groups the original color and five complimentary colors.



77, 36.014, 259.843



93, 11.236, 252.379



91, 56.131, 155.788



49, 7.650, 252.697



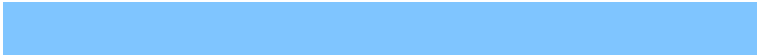
0, 0.000, 0.000



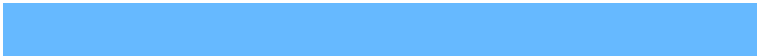
53, 0.007, 296.813

Same Dimension

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



77, 36.014, 259.843



73, 42.282, 262.882



60, 68.465, 295.826



51, 4.281, 251.617



44, 53.184, 279.379



13, 21.878, 272.488

Inverse Universe

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



70, 58.177, 346.422



65, 67.693, 347.906



96, 60.156, 103.001



50, 6.582, 342.016



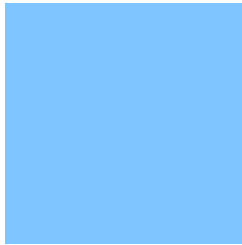
41, 68.949, 357.869



11, 32.368, 352.984

Previews

White Background



This preview shows how the CIELCh color 77, 36.307, 260.247 looks on a white background.

Color Contrast Check

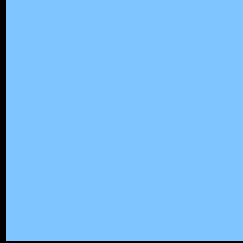
Large Text (above 18pt) WCAG AA × Fail

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 77, 36.307, 260.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

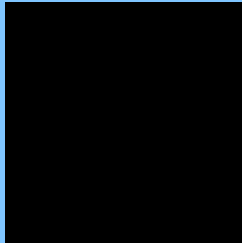
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

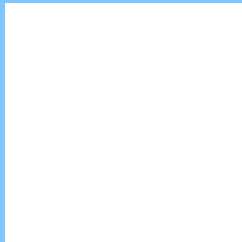
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 36.307, 260.247

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.307, 260.247.



This preview shows how white text looks on a background with the CIELCh color 77, 36.307, 260.247.

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

77, 35.873, 259.612

Protanopia

77, 32.940, 285.485

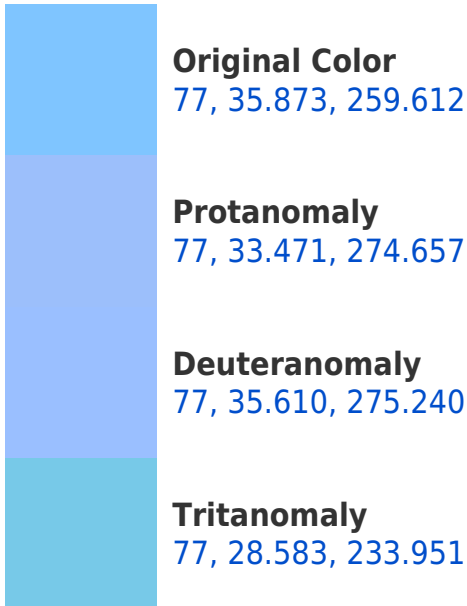
Deuteranopia

77, 36.727, 285.317

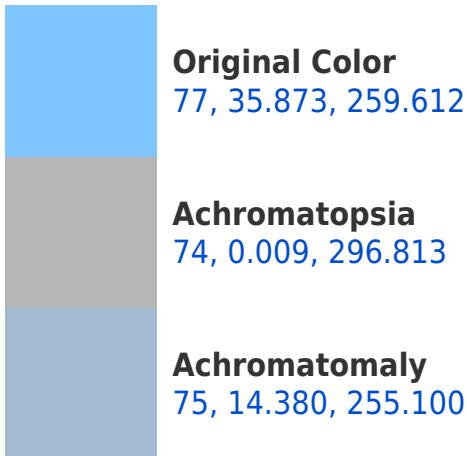


Tritanopia
77, 27.519, 216.001

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.307, 260.247 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(127, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 197, 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(127, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 197, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.307, 260.247 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(127, 197, 255) }
```

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

```
.border{ border-color:rgb(127, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 197, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 197, 255); box-shadow:4px 4px 4px 4px rgb(127, 197, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.307, 260.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 197, 255) }
```

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

```
.background{ background-color: rgb(127,  
197, 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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