

Converting Colors

CIELCh(77, 35.266, 274.044)

Have a look what the booklet for
CIELCh(77, 35.266, 274.044)
contains.

CIELCh(77, 35.235, 273.986)	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(77, 35.235, 273.986)

Conversions

Conversions Part 1

Format	Color
Hex	99C0FF
RGB	153, 192, 255
RGB Percent	60%, 75%, 100%
CMY	0.4010, 0.2481, 0.0011
CMYK	0.40, 0.25, 0.00, 0.00
HSL	217°, 99%, 80%
HSV	217°, 40%, 100%
XYZ	49.8827, 51.5317, 101.6891
YIQ	187.5210, -43.4670, 11.3250

Conversions

Conversions Part 2

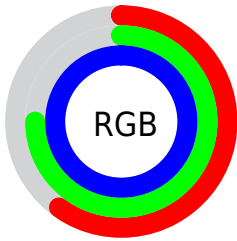
Format	Color
RYB	153, 181, 255
Decimal	10076415
CIELab	77.00, 2.45, -35.15
CIELCh	77, 35.235, 273.986
Yxy	51.5317, 0.2456, 0.2537
Android (android.graphics.Color)	4288266495 (0xFF99C0FF)
YUV	187.5210, 33.2671, -30.2749
Hunter-Lab	71.7856, -1.5880, -33.7383

Details

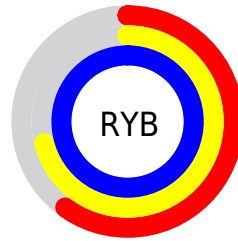
The CIELCh color `77, 35.235, 273.986` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `88, 36.494, 81.629`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 13.062, 214.729`, and `57, 35.113, 273.674` is the 20% darker color. If you saturate the color by 10%, you get `71, 44.244, 276.542`, and if you desaturate by 10%, it is `83, 26.318, 271.804`.

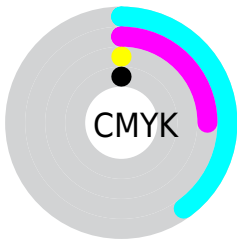
Distribution



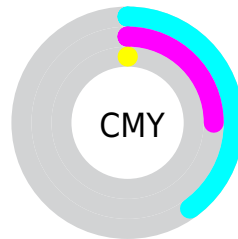
- Red (60%)
- Green (75%)
- Blue (100%)



- Red (60%)
- Yellow (71%)
- Blue (100%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.235, 273.986 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, 35.235, 273.986 by changing the saturation by 10% instead.

■ 77, 35.235,
273.986

■ 77, 35.235,
273.986

■ 100, 35.235,
273.986

■ 67, 35.235,
273.986

■ 97, 35.235,
273.986

■ 57, 35.235,
273.986

■ 47, 35.235,
273.986

■ 37, 35.235,
273.986

■ 27, 35.235,
273.986

■ 17, 35.235,
273.986

■ 7, 35.235, 273.986

■ 0, 35.235, 273.986

■ 77, 35.235,
273.986

■ 77, 35.235,
273.986

■ 71, 44.244,
276.542

■ 83, 26.318,
271.804

■ 66, 53.384,
279.509

■ 88, 17.481,
269.952

■ 61, 62.705,
282.885

■ 94, 8.721, 268.388

■ 56, 72.263,
286.612

100, 0.044,
274.571

■ 51, 82.066,
290.548

100, 0.130,
109.573

■ 47, 91.973,
294.402

Harmonies

Complementary

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



77, 35.235, 273.986



88, 36.494, 81.629

Rectangle

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



77, 35.235, 273.986



77, 35.235, 323.986



77, 35.235, 93.986



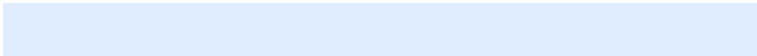
77, 35.235, 143.986

Sweetspot

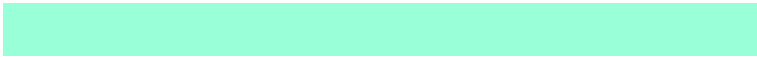
The Sweet Spot groups the original color and five complimentary colors.



77, 35.234, 273.986



93, 10.442, 268.673



93, 39.540, 166.259



49, 6.930, 268.869



0, 0.000, 0.000



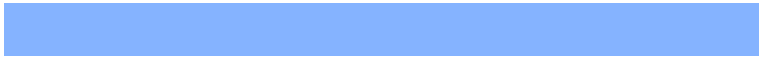
53, 0.007, 296.813

Same Dimension

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



77, 35.234, 273.986



73, 42.436, 275.989



68, 56.385, 299.070



50, 4.942, 268.313



35, 72.786, 293.709



9, 29.214, 288.143

Inverse Universe

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



75, 43.058, 355.137



70, 51.546, 356.485



97, 50.933, 111.578



50, 5.926, 351.335



41, 68.578, 13.510



10, 31.283, 6.286

Previews

White Background



This preview shows how the CIELCh color 77, 35.235, 273.986 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, 35.235, 273.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

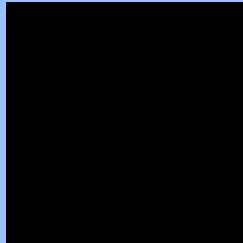
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

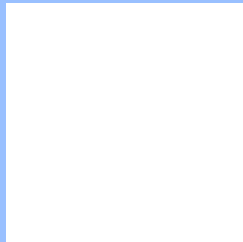
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 35.235, 273.986

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.235, 273.986.



This preview shows how white text looks on a background with the CIELCh color 77, 35.235, 273.986.

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

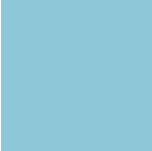
77, 35.235, 273.986

Protanopia

77, 34.555, 285.533

Deuteranopia

77, 36.694, 285.775



Tritanopia
77, 20.029, 223.798

Trichromacy



Original Color
77, 35.235, 273.986

Protanomaly
77, 34.348, 280.870

Deuteranomaly
77, 35.950, 281.189

Tritanomaly
77, 23.166, 248.974

Monochromacy



Original Color
77, 35.235, 273.986

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.161, 269.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.235, 273.986 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(153, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 192, 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(153, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 192, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.235, 273.986 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(153, 192, 255) }
```

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

```
.border{ border-color:rgb(153, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 192,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.235, 273.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 192, 255) }
```

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

```
.background{ background-color: rgb(153,  
192, 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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