

Converting Colors

CIELCh(77, 34.849, 276.186)

Have a look what the booklet for
CIELCh(77, 34.849, 276.186)
contains.

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Color

CIELCh(77, 34.897, 276.195)

Conversions

Conversions Part 1

Format	Color
Hex	9DBFFE
RGB	157, 191, 254
RGB Percent	62%, 75%, 100%
CMY	0.3847, 0.2513, 0.0043
CMYK	0.38, 0.25, 0.00, 0.00
HSL	219°, 98%, 81%
HSV	219°, 38%, 100%
XYZ	50.3728, 51.5317, 100.9783
YIQ	188.0160, -40.4870, 12.3850

Conversions

Conversions Part 2

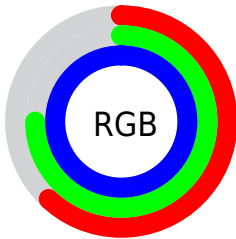
Format	Color
RYB	157, 182, 254
Decimal	10338302
CIELab	77.00, 3.77, -34.69
CIElCh	77, 34.897, 276.195
Yxy	51.5317, 0.2483, 0.2540
Android (android.graphics.Color)	4288528382 (0xFF9DBFFE)
YUV	188.0160, 32.5301, -27.2010
Hunter-Lab	71.7856, -0.3694, -33.1512

Details

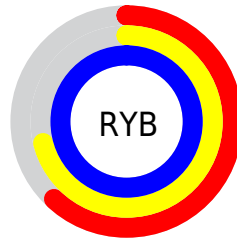
The CIELCh color `77, 34.897, 276.195` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `89, 35.462, 84.658`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 11.680, 219.472`, and `57, 34.732, 276.151` is the 20% darker color. If you saturate the color by 10%, you get `71, 44.361, 278.633`, and if you desaturate by 10%, it is `83, 25.582, 274.111`.

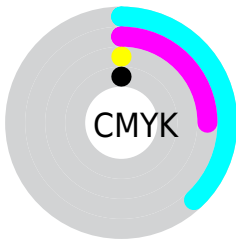
Distribution



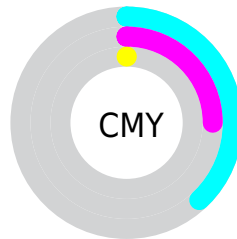
- Red (62%)
- Green (75%)
- Blue (100%)



- Red (62%)
- Yellow (71%)
- Blue (100%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.897, 276.195 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, 34.897, 276.195 by changing the saturation by 10% instead.

■ 77, 34.897,
276.195

■ 77, 34.897,
276.195

■ 100, 34.897,
276.195

■ 67, 34.897,
276.195

■ 97, 34.897,
276.195

■ 57, 34.897,
276.195

■ 47, 34.897,
276.195

■ 37, 34.897,
276.195

■ 27, 34.897,
276.195

■ 17, 34.897,
276.195

■ 7, 34.897, 276.195

■ 0, 34.897, 276.195

■ 77, 34.897,
276.195

■ 77, 34.897,
276.195

■ 71, 44.361,
278.633

■ 83, 25.582,
274.111

■ 65, 54.011,
281.460

■ 89, 16.400,
272.340

■ 60, 63.895,
284.680

■ 95, 7.344, 270.844

■ 55, 74.051,
288.237

100, 0.543,
109.995

■ 50, 84.455,
291.998

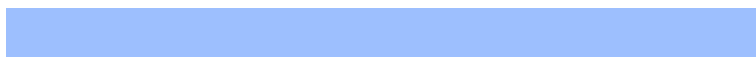
■ 45, 94.929,
295.726

■ 45, 96.802,
296.348

Harmonies

Complementary

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



77, 34.897, 276.195



89, 35.462, 84.658

Rectangle

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



77, 34.897, 276.195



77, 34.897, 326.195



77, 34.897, 96.195



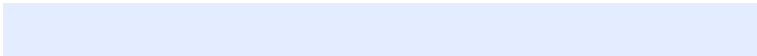
77, 34.897, 146.195

Sweetspot

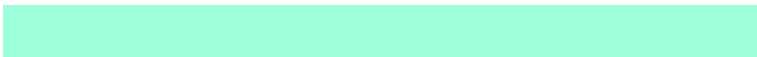
The Sweet Spot groups the original color and five complimentary colors.



77, 34.896, 276.195



93, 9.901, 271.236



93, 37.256, 167.540



49, 6.658, 271.433



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, 34.896, 276.195



73, 42.411, 278.067



69, 53.484, 299.326



50, 5.113, 271.024



34, 76.821, 295.702



9, 30.811, 290.414

Inverse Universe

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



75, 40.421, 357.022



71, 48.887, 358.350



97, 48.636, 112.456



50, 5.819, 353.396



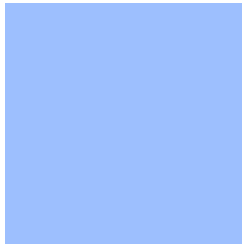
40, 69.217, 16.570



10, 31.308, 8.951

Previews

White Background



This preview shows how the CIELCh color 77, 34.897, 276.195 looks on a white background.

Color Contrast Check

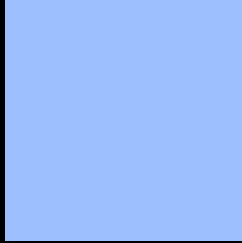
Large Text (above 18pt) WCAG AA × Fail

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, 34.897, 276.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

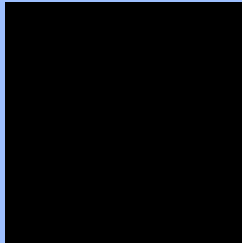
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

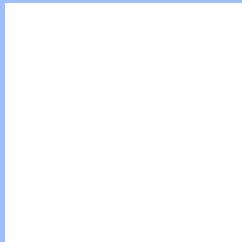
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 34.897, 276.195

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.897, 276.195.



This preview shows how white text looks on a background with the CIELCh color 77, 34.897, 276.195.

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, 34.897, 276.195

Protanopia

77, 34.555, 285.533

Deuteranopia

77, 36.664, 286.237



Tritanopia
77, 18.483, 226.229

Trichromacy



Original Color
77, 34.897, 276.195

Protanomaly
77, 34.754, 282.584

Deuteranomaly
77, 36.318, 283.266

Tritanomaly
77, 22.514, 253.438

Monochromacy



Original Color
77, 34.897, 276.195

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.947, 272.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.897, 276.195 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(157, 191, 254)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 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(157, 191, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.897, 276.195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

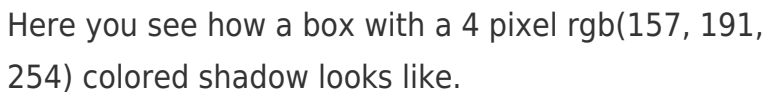
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 191, 254) }
```

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

```
.border{ border-color:rgb(157, 191, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 191, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 191, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 191, 254); box-shadow:4px 4px 4px 4px rgb(157, 191, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.897, 276.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 254) }
```

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

```
.background{ background-color: rgb(157,  
191, 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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