

Converting Colors

CIELCh(77, 36.102, 270.277)

Have a look what the booklet for
CIELCh(77, 36.102, 270.277)
contains.

CIELCh(77, 35.477, 269.833)	3
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Color

CIELCh(77, 35.477, 269.833)

Conversions

Conversions Part 1

Format	Color
Hex	91C1FF
RGB	145, 193, 255
RGB Percent	57%, 76%, 100%
CMY	0.4303, 0.2421, 0.0000
CMYK	0.43, 0.24, 0.00, 0.00
HSL	214°, 100%, 78%
HSV	214°, 43%, 100%
XYZ	48.9415, 51.5317, 102.2004
YIQ	185.7160, -48.5100, 9.1060

Conversions

Conversions Part 2

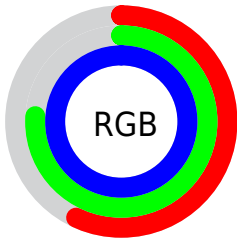
Format	Color
R_{YB}	145, 178, 255
Decimal	9552383
CIE _{Lab}	77.00, -0.10, -35.48
CIE _{LCh}	77, 35.477, 269.833
Yxy	51.5317, 0.2415, 0.2543
Android (android.graphics.Color)	4287742463 (0xFF91C1FF)
YUV	185.7160, 34.1570, -35.7079
Hunter-Lab	71.7856, -3.9284, -34.1606

Details

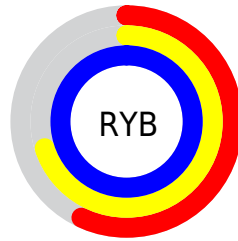
The CIELCh color `77, 35.477, 269.833` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `86, 38.140, 76.148`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 15.713, 209.866`, and `57, 35.344, 269.434` is the 20% darker color. If you saturate the color by 10%, you get `72, 43.527, 272.465`, and if you desaturate by 10%, it is `82, 27.158, 267.375`.

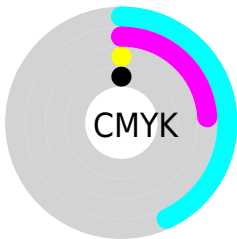
Distribution



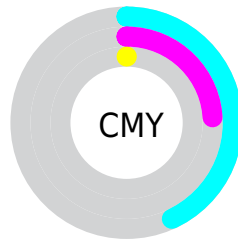
- Red (57%)
- Green (76%)
- Blue (100%)



- Red (57%)
- Yellow (70%)
- Blue (100%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.477, 269.833 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, 35.477, 269.833 by changing the saturation by 10% instead.

■ 77, 35.477,
269.833

■ 77, 35.477,
269.833

■ 100, 35.477,
269.833

■ 67, 35.477,
269.833

■ 97, 35.477,
269.833

■ 57, 35.477,
269.833

■ 47, 35.477,
269.833

■ 37, 35.477,
269.833

■ 27, 35.477,
269.833

■ 17, 35.477,
269.833

■ 7, 35.477, 269.833

0, 35.477, 269.833

77, 35.477,
269.833

77, 35.477,
269.833

72, 43.527,
272.465

82, 27.158,
267.375

67, 51.726,
275.666

88, 18.946,
265.399

62, 60.009,
279.314

93, 10.722,
263.736

57, 68.456,
283.340

98, 2.500, 262.427

53, 77.133,
287.587

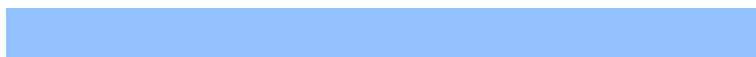
100, 0.012,
296.813

50, 83.319,
290.497

Harmonies

Complementary

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



77, 35.477, 269.833



86, 38.140, 76.148

Rectangle

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



77, 35.477, 269.833



77, 35.477, 319.833



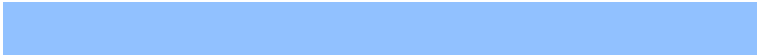
77, 35.477, 89.833



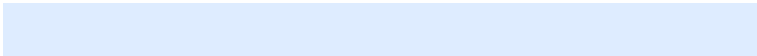
77, 35.477, 139.833

Sweetspot

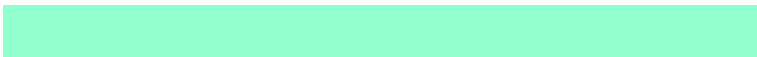
The Sweet Spot groups the original color and five complimentary colors.



77, 35.349, 269.713



93, 10.694, 263.731



93, 44.697, 161.941



48, 7.483, 264.073



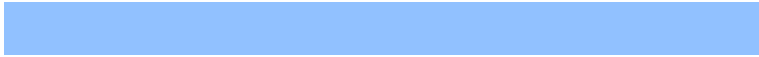
0, 0.000, 0.000



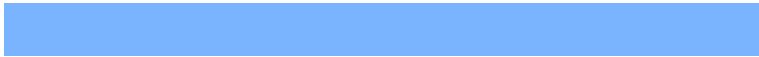
53, 0.007, 296.813

Same Dimension

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



77, 35.349, 269.713



72, 42.682, 272.160



65, 60.974, 297.590



50, 4.677, 263.220



38, 65.891, 289.733



10, 26.559, 283.696

Inverse Universe

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



73, 47.455, 351.988



68, 56.826, 353.476



98, 54.377, 108.322



50, 6.128, 347.972



41, 68.027, 8.172



10, 31.422, 1.641

Previews

White Background



This preview shows how the CIELCh color 77, 35.477, 269.833 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, 35.477, 269.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

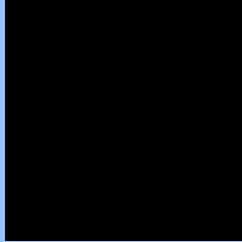
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

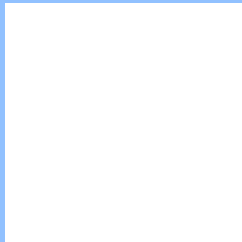
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 35.477, 269.833

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.477, 269.833.



This preview shows how white text looks on a background with the CIELCh color 77, 35.477, 269.833.

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
77, 22.058, 221.157

Trichromacy



Original Color
77, 35.477, 269.833

Protanomaly
77, 34.512, 279.450

Deuteranomaly
77, 36.054, 280.292

Tritanomaly
77, 24.473, 243.403

Monochromacy



Original Color
77, 35.477, 269.833

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.201, 263.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.477, 269.833 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(145, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 193, 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(145, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 193, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.477, 269.833 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(145, 193, 255) }
```

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

```
.border{ border-color:rgb(145, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 193,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.477, 269.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 193, 255) }
```

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

```
.background{ background-color: rgb(145,  
193, 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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