

Converting Colors

CIELCh(77, 35.938, 267.900)

Have a look what the booklet for
CIELCh(77, 35.938, 267.900)
contains.

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Color

CIELCh(77, 35.450, 267.381)

Conversions

Conversions Part 1

Format	Color
Hex	8DC2FF
RGB	141, 194, 255
RGB Percent	55%, 76%, 100%
CMY	0.4466, 0.2388, 0.0000
CMYK	0.45, 0.24, 0.00, 0.00
HSL	212°, 100%, 78%
HSV	212°, 45%, 100%
XYZ	48.3880, 51.5317, 102.1004
YIQ	185.1070, -51.1690, 7.7350

Conversions

Conversions Part 2

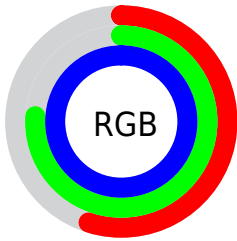
Format	Color
RYB	141, 177, 255
Decimal	9290495
CIELab	77.00, -1.62, -35.41
CIElCh	77, 35.450, 267.381
Yxy	51.5317, 0.2395, 0.2551
Android (android.graphics.Color)	4287480575 (0xFF8DC2FF)
YUV	185.1070, 34.4572, -38.6818
Hunter-Lab	71.7856, -5.3046, -34.0780

Details

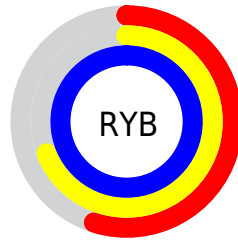
The CIELCh color **77, 35.450, 267.381** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85, 39.169, 73.218**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 16.873, 207.213**, and **57, 35.242, 267.118** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.140, 270.176**, and if you desaturate by 10%, it is **82, 27.581, 264.909**.

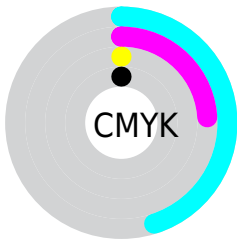
Distribution



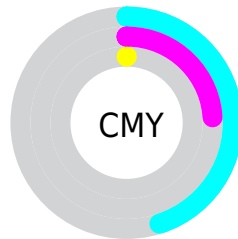
- Red (55%)
- Green (76%)
- Blue (100%)



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



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.450, 267.381 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, 35.450, 267.381 by changing the saturation by 10% instead.

■ 77, 35.450,
267.381

■ 77, 35.450,
267.381

■ 100, 35.450,
267.381

■ 67, 35.450,
267.381

■ 97, 35.450,
267.381

■ 57, 35.450,
267.381

■ 47, 35.450,
267.381

■ 37, 35.450,
267.381

■ 27, 35.450,
267.381

■ 17, 35.450,
267.381

■ 7, 35.450, 267.381

■ 0, 35.450, 267.381

■ 77, 35.450,
267.381

■ 77, 35.450,
267.381

■ 72, 43.140,
270.176

■ 82, 27.581,
264.909

■ 67, 50.845,
273.500

■ 87, 19.690,
262.875

■ 63, 58.581,
277.292

■ 92, 11.736,
261.168

■ 58, 66.441,
281.478

■ 98, 3.742, 259.786

■ 54, 74.516,
285.890

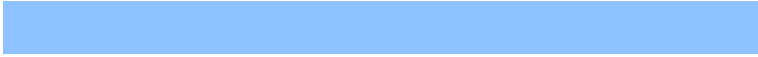
100, 0.012,
296.813

■ 52, 78.940,
288.199

Harmonies

Complementary

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



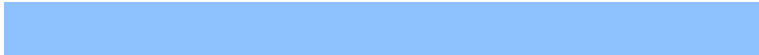
77, 35.450, 267.381



85, 39.169, 73.218

Rectangle

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



77, 35.450, 267.381



77, 35.450, 317.381



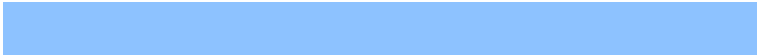
77, 35.450, 87.381



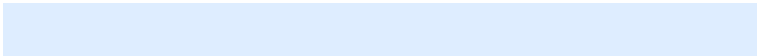
77, 35.450, 137.381

Sweetspot

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



77, 35.396, 267.325



93, 10.412, 260.914



92, 46.904, 160.805



49, 7.282, 261.253



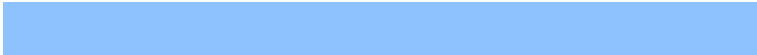
0, 0.000, 0.000



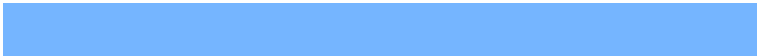
53, 0.007, 296.813

Same Dimension

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



77, 35.396, 267.325



72, 42.631, 269.974



64, 63.492, 297.413



50, 4.557, 260.406



39, 62.448, 287.400



11, 25.264, 281.127

Inverse Universe

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



72, 49.875, 350.452



68, 59.533, 351.977



98, 56.277, 107.417



50, 6.238, 346.343



41, 68.014, 5.448



10, 31.585, 359.320

Previews

White Background



This preview shows how the CIELCh color 77, 35.450, 267.381 looks on a white background.

Color Contrast Check

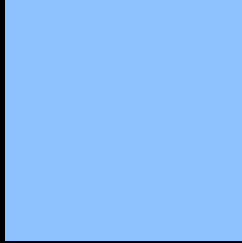
Large Text (above 18pt) WCAG AA × Fail

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, 35.450, 267.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

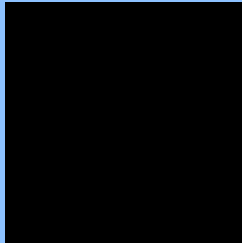
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

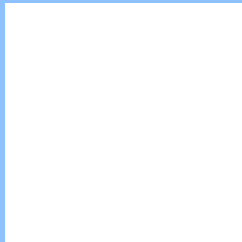
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 35.450, 267.381

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.450, 267.381.



This preview shows how white text looks on a background with the CIELCh color 77, 35.450, 267.381.

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, 35.450, 267.381

Protanopia
77, 34.028, 285.347

Deuteranopia
77, 36.694, 285.775



Tritanopia
77, 23.541, 219.516

Trichromacy



Original Color
77, 35.450, 267.381

Protanomaly
77, 34.090, 278.180

Deuteranomaly
77, 35.680, 278.645

Tritanomaly
77, 25.731, 242.287

Monochromacy



Original Color
77, 35.450, 267.381

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.362, 262.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.450, 267.381 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 194, 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, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 194, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.450, 267.381 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, 194, 255) }
```

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

```
.border{ border-color:rgb(141, 194, 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, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 194,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.450, 267.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 194, 255) }
```

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

```
.background{ background-color: rgb(141,  
194, 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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