

Converting Colors

CIELCh(77, 38.602, 277.414)

Have a look what the booklet for
CIELCh(77, 38.602, 277.414)
contains.

CIELCh(77, 35.610, 275.240)	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, 35.610, 275.240)

Conversions

Conversions Part 1

Format	Color
Hex	9ABFFF
RGB	154, 191, 255
RGB Percent	60%, 75%, 100%
CMY	0.3949, 0.2498, 0.0000
CMYK	0.39, 0.25, 0.00, 0.00
HSL	218°, 100%, 80%
HSV	218°, 39%, 100%
XYZ	50.1812, 51.5317, 102.1758
YIQ	187.2330, -42.5960, 12.0600

Conversions

Conversions Part 2

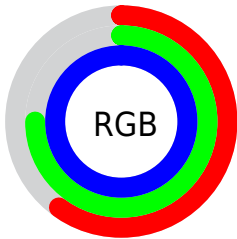
Format	Color
RYB	154, 181, 255
Decimal	10141695
CIELab	77.00, 3.25, -35.46
CIELCh	77, 35.610, 275.240
Yxy	51.5317, 0.2461, 0.2527
Android (android.graphics.Color)	4288331775 (0xFF9ABFFF)
YUV	187.2330, 33.4091, -29.1453
Hunter-Lab	71.7856, -0.8458, -34.1403

Details

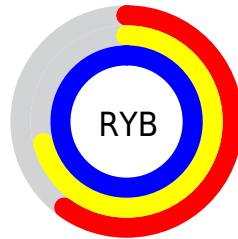
The CIELCh color **77, 35.610, 275.240** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **89, 36.380, 83.034**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.581, 217.882**, and **57, 35.525, 274.956** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.702, 277.640**, and if you desaturate by 10%, it is **83, 26.323, 272.980**.

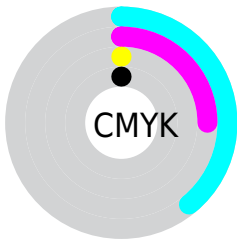
Distribution



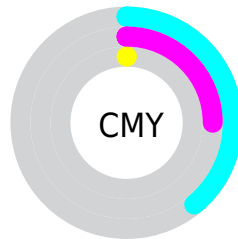
- Red (60%)
- Green (75%)
- Blue (100%)



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



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 35.610, 275.240 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, 35.610, 275.240 by changing the saturation by 10% instead.


 77, 35.610,
275.240

 77, 35.610,
275.240


 100, 35.610,
275.240


 67, 35.610,
275.240


 97, 35.610,
275.240

 57, 35.610,
275.240

 47, 35.610,
275.240

 37, 35.610,
275.240

 27, 35.610,
275.240

 17, 35.610,
275.240

 7, 35.610, 275.240

■ 0, 35.610, 275.240

■ 77, 35.610,
275.240

■ 77, 35.610,
275.240

■ 71, 44.702,
277.640

■ 83, 26.323,
272.980

■ 66, 54.110,
280.554

■ 89, 17.301,
271.156

■ 60, 63.728,
283.868

■ 94, 8.379, 269.615

■ 55, 73.601,
287.524

100, 0.012,
296.813

■ 50, 83.719,
291.380

■ 46, 93.941,
295.174

■ 46, 94.465,
295.355

Harmonies

Complementary

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



77, 35.610, 275.240



89, 36.380, 83.034

Rectangle

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



77, 35.610, 275.240



77, 35.610, 325.240



77, 35.610, 95.240



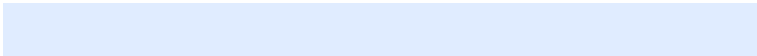
77, 35.610, 145.240

Sweetspot

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



77, 35.451, 275.127



93, 10.612, 269.977



93, 39.070, 166.329



49, 7.044, 270.171



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, 35.451, 275.127



73, 42.389, 276.979



68, 55.595, 298.993



50, 5.022, 269.618



34, 74.697, 294.679



9, 29.965, 289.244

Inverse Universe

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



75, 42.231, 356.073



71, 50.224, 357.352



97, 50.306, 111.619



50, 5.874, 352.300



40, 68.852, 14.964



10, 31.287, 7.570

Previews

White Background



This preview shows how the CIELCh color 77, 35.610, 275.240 looks on a white background.

Color Contrast Check

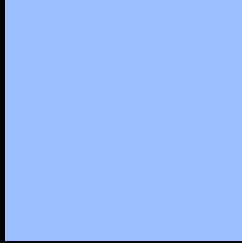
Large Text (above 18pt) WCAG AA × Fail

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, 35.610, 275.240 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

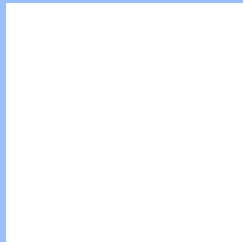
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 35.610, 275.240

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.610, 275.240.



This preview shows how white text looks on a background with the CIELCh color 77, 35.610, 275.240.

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, 35.610, 275.240

Protanopia

77, 35.082, 285.715

Deuteranopia

77, 36.694, 285.775



Tritanopia
77, 19.513, 224.555

Trichromacy



Original Color
77, 35.610, 275.240

Protanomaly
77, 34.815, 281.606

Deuteranomaly
77, 35.900, 281.642

Tritanomaly
77, 23.184, 251.077

Monochromacy



Original Color
77, 35.610, 275.240

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 13.051, 271.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.610, 275.240 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(154, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 191, 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(154, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 191, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.610, 275.240 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(154, 191, 255) }
```

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

```
.border{ border-color:rgb(154, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 191,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.610, 275.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 191, 255) }
```

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

```
.background{ background-color: rgb(154,  
191, 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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