

Converting Colors

CIELCh(77, 30.042, 263.038)

Have a look what the booklet for
CIELCh(77, 30.042, 263.038)
contains.

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Color

CIELCh(77, 30.002, 263.057)

Conversions

Conversions Part 1

Format	Color
Hex	92C3F5
RGB	146, 195, 245
RGB Percent	57%, 76%, 96%
CMY	0.4288, 0.2366, 0.0406
CMYK	0.40, 0.20, 0.00, 0.04
HSL	210°, 83%, 77%
HSV	210°, 40%, 96%
XYZ	47.6620, 51.5317, 93.5406
YIQ	186.0490, -45.2540, 5.1620

Conversions

Conversions Part 2

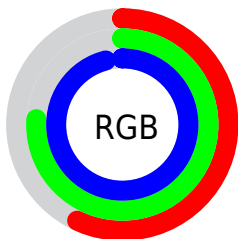
Format	Color
R _Y B	146, 179, 245
Decimal	9618421
CIE Lab	77.00, -3.63, -29.78
CIE LCh	77, 30.002, 263.057
Yxy	51.5317, 0.2473, 0.2674
Android (android.graphics.Color)	4287808501 (0xFF92C3F5)
YUV	186.0490, 29.0628, -35.1230
Hunter-Lab	71.7856, -7.1099, -27.0082

Details

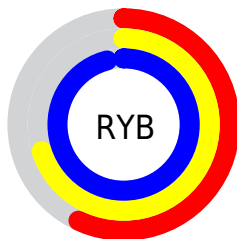
The CIELCh color `77, 30.002, 263.057` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `82, 33.590, 70.828`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 15.927, 205.906`, and `57, 30.055, 262.588` is the 20% darker color. If you saturate the color by 10%, you get `72, 37.118, 265.717`, and if you desaturate by 10%, it is `82, 22.749, 260.820`.

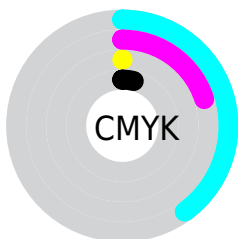
Distribution



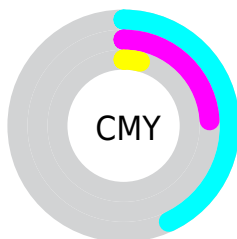
- Red (57%)
- Green (76%)
- Blue (96%)



- Red (57%)
- Yellow (70%)
- Blue (96%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 30.002, 263.057 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, 30.002, 263.057 by changing the saturation by 10% instead.

■ 77, 30.002,
263.057

■ 77, 30.002,
263.057

■ 100, 30.002,
263.057

■ 67, 30.002,
263.057

■ 97, 30.002,
263.057

■ 57, 30.002,
263.057

■ 47, 30.002,
263.057

■ 37, 30.002,
263.057

■ 27, 30.002,
263.057

■ 17, 30.002,
263.057

■ 7, 30.002, 263.057

0, 30.002, 263.057

77, 30.002,
263.057

77, 30.002,
263.057

72, 37.118,
265.717

82, 22.749,
260.820

68, 44.111,
268.855

86, 15.374,
258.948

64, 51.027,
272.494

91, 7.900, 257.393

59, 57.953,
276.604

96, 0.357, 257.192

100, 5.236,
109.772

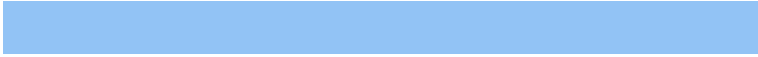
56, 65.000,
281.069

52, 71.942,
285.397

Harmonies

Complementary

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



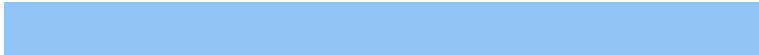
77, 30.002, 263.057



82, 33.590, 70.828

Rectangle

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



77, 30.002, 263.057



77, 30.002, 313.057



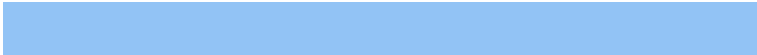
77, 30.002, 83.057



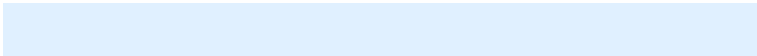
77, 30.002, 133.057

Sweetspot

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



77, 30.001, 263.056



94, 9.365, 257.616



89, 42.543, 159.598



49, 6.208, 257.809



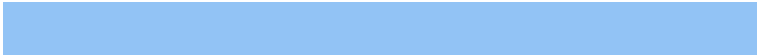
0, 0.000, 0.000



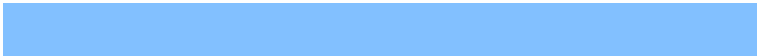
53, 0.007, 296.813

Same Dimension

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



77, 30.001, 263.056



76, 37.316, 265.330



64, 55.119, 295.697



49, 4.296, 257.259



40, 57.607, 284.577



11, 22.364, 277.328

Inverse Universe

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



72, 44.513, 348.029



70, 55.279, 349.254



95, 49.564, 106.265



48, 6.152, 344.674



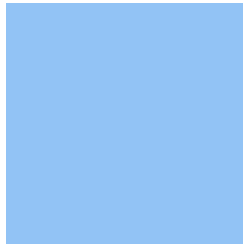
40, 66.847, 2.494



9, 30.211, 356.286

Previews

White Background



This preview shows how the CIELCh color 77, 30.002, 263.057 looks on a white background.

Color Contrast Check

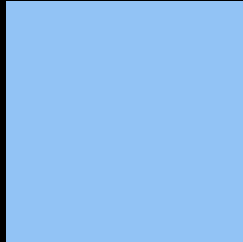
Large Text (above 18pt) WCAG AA × Fail

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, 30.002, 263.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

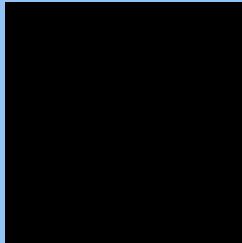
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

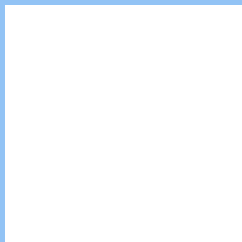
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 30.002, 263.057

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.002, 263.057.



This preview shows how white text looks on a background with the CIELCh color 77, 30.002, 263.057.

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](#).

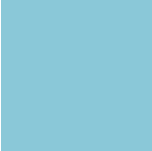
Dichromacy



Original Color
77, 30.002, 263.057

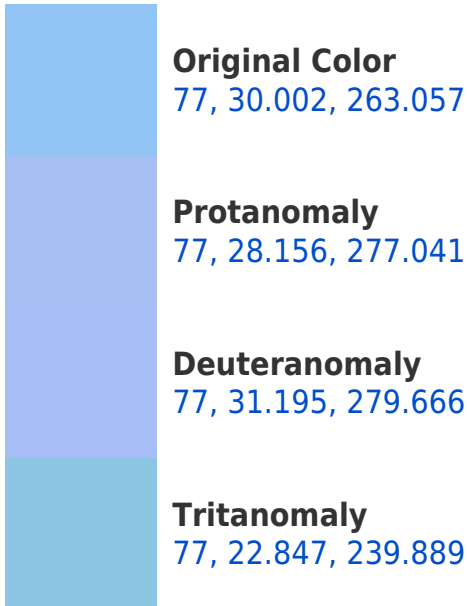
Protanopia
77, 28.055, 286.110

Deuteranopia
77, 32.310, 288.030

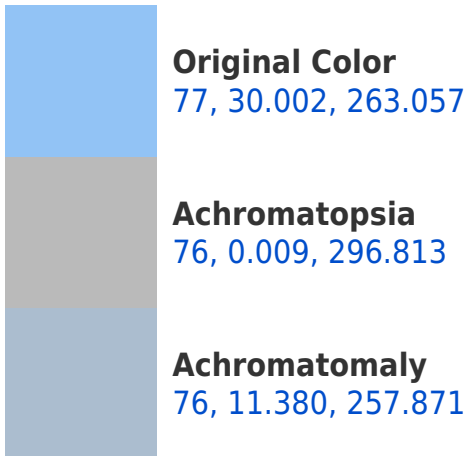


Tritanopia
77, 21.301, 222.073

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.002, 263.057 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(146, 195, 245)` looks like.

```
.text, #text, p{  
    color:rgb(146, 195, 245)  
}
```

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(146, 195, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 195, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.002, 263.057 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(146, 195, 245) }
```

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

```
.border{ border-color:rgb(146, 195, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 195, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 195, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 195, 245);  
box-shadow:4px 4px 4px 4px rgb(146, 195,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.002, 263.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 195, 245) }
```

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

```
.background{ background-color: rgb(146,  
195, 245) }
```

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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