

Converting Colors

CIELCh(78, 42.270, 273.757)

Have a look what the booklet for
CIELCh(78, 42.270, 273.757)
contains.

CIELCh(77, 34.867, 267.241)	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, 34.867, 267.241)

Conversions

Conversions Part 1

Format	Color
Hex	8EC2FE
RGB	142, 194, 254
RGB Percent	56%, 76%, 100%
CMY	0.4429, 0.2389, 0.0038
CMYK	0.44, 0.24, 0.00, 0.00
HSL	212°, 98%, 78%
HSV	212°, 44%, 100%
XYZ	48.3668, 51.5317, 101.1856
YIQ	185.2920, -50.2520, 7.6360

Conversions

Conversions Part 2

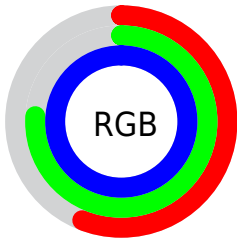
Format	Color
RYB	142, 178, 254
Decimal	9356030
CIELab	77.00, -1.68, -34.83
CIELCh	77, 34.867, 267.241
Yxy	51.5317, 0.2405, 0.2563
Android (android.graphics.Color)	4287546110 (0xFF8EC2FE)
YUV	185.2920, 33.8730, -37.9671
Hunter-Lab	71.7856, -5.3575, -33.3224

Details

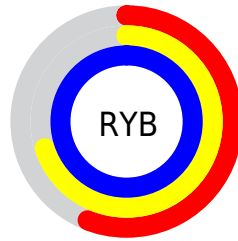
The CIELCh color $77, 34.867, 267.241$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $85, 38.508, 73.364$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 16.571, 207.392$, and $57, 34.679, 266.884$ is the 20% darker color. If you saturate the color by 10%, you get $72, 42.600, 270.064$, and if you desaturate by 10%, it is $82, 27.062, 264.849$.

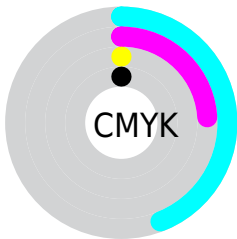
Distribution



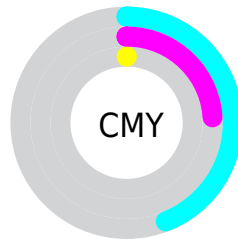
- Red (56%)
- Green (76%)
- Blue (100%)



- Red (56%)
- Yellow (70%)
- Blue (100%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.867, 267.241 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, 34.867, 267.241 by changing the saturation by 10% instead.

■ 77, 34.867,
267.241

■ 77, 34.867,
267.241

■ 100, 34.867,
267.241

■ 67, 34.867,
267.241

■ 97, 34.867,
267.241

■ 57, 34.867,
267.241

■ 47, 34.867,
267.241

■ 37, 34.867,
267.241

■ 27, 34.867,
267.241

■ 17, 34.867,
267.241

■ 7, 34.867, 267.241

0, 34.867, 267.241

77, 34.867,
267.241

77, 34.867,
267.241

72, 42.600,
270.064

82, 27.062,
264.849

67, 50.294,
273.357

87, 19.184,
262.836

63, 58.015,
277.120

92, 11.246,
261.147

58, 65.855,
281.283

98, 3.269, 259.793

54, 73.906,
285.684

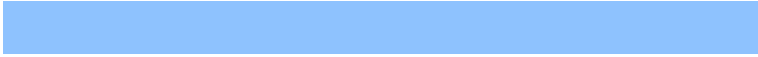
100, 0.482,
109.981

52, 78.799,
288.247

Harmonies

Complementary

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



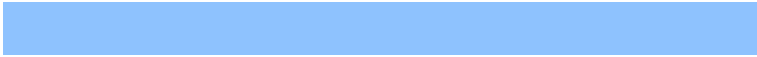
77, 34.867, 267.241



85, 38.508, 73.364

Rectangle

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



77, 34.867, 267.241



77, 34.867, 317.241



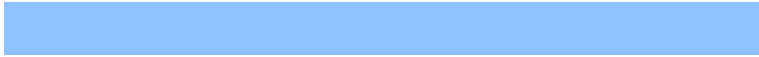
77, 34.867, 87.241



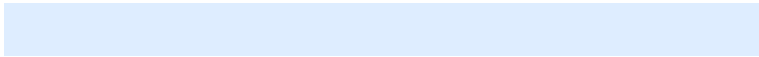
77, 34.867, 137.241

Sweetspot

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



77, 34.866, 267.241



93, 10.418, 260.983



92, 46.201, 160.884



49, 7.286, 261.322



0, 0.000, 0.000



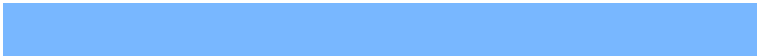
53, 0.007, 296.813

Same Dimension

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



77, 34.866, 267.241



73, 41.896, 269.740



64, 62.397, 297.307



50, 4.560, 260.475



39, 62.530, 287.458



11, 25.294, 281.191

Inverse Universe

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



72, 49.082, 350.406



68, 58.524, 351.844



97, 55.422, 107.467



50, 6.236, 346.381



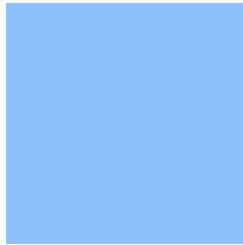
41, 68.013, 5.513



10, 31.581, 359.374

Previews

White Background



This preview shows how the CIELCh color 77, 34.867, 267.241 looks on a white background.

Color Contrast Check

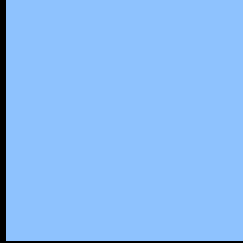
Large Text (above 18pt) WCAG AA × Fail

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, 34.867, 267.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

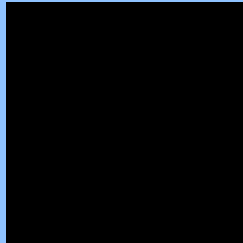
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

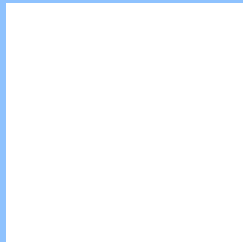
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 34.867, 267.241

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.867, 267.241.



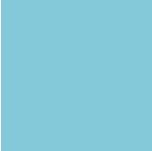
This preview shows how white text looks on a background with the CIELCh color 77, 34.867, 267.241.

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](#).

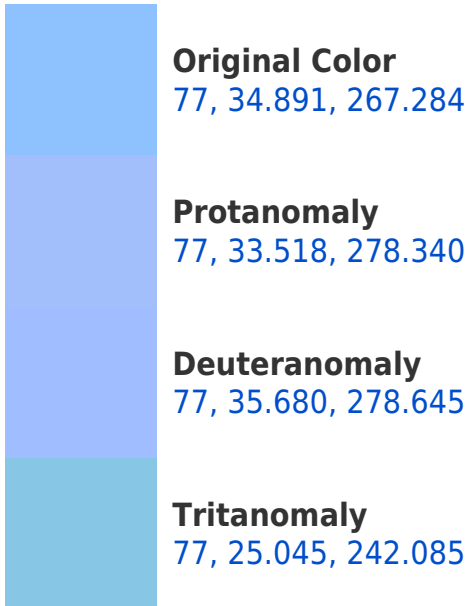
Dichromacy



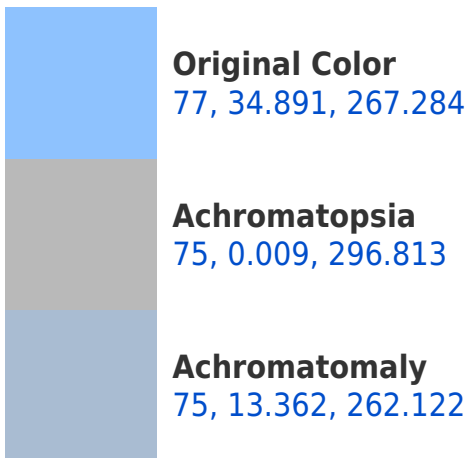


Tritanopia
77, 23.050, 220.030

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.867, 267.241 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(142, 194, 254)` looks like.

```
.text, #text, p{  
    color:rgb(142, 194, 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(142, 194, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 194, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.867, 267.241 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(142, 194, 254) }
```

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

```
.border{ border-color:rgb(142, 194, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 194, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 194, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 194, 254);  
box-shadow:4px 4px 4px 4px rgb(142, 194,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.867, 267.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 194, 254) }
```

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

```
.background{ background-color: rgb(142,  
194, 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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