

Converting Colors

CIELCh(75, 33.302, 271.959)

Have a look what the booklet for
CIELCh(75, 33.302, 271.959)
contains.

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Color

CIELCh(75, 33.003, 271.688)

Conversions

Conversions Part 1

Format	Color
Hex	93BBF5
RGB	147, 187, 245
RGB Percent	58%, 73%, 96%
CMY	0.4239, 0.2670, 0.0396
CMYK	0.40, 0.24, 0.00, 0.04
HSL	216°, 83%, 77%
HSV	216°, 40%, 96%
XYZ	46.2289, 48.2781, 93.1845
YIQ	181.6520, -42.4580, 9.5580

Conversions

Conversions Part 2

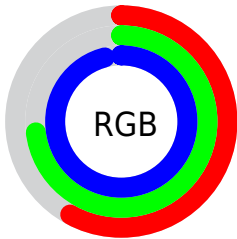
Format	Color
RYB	147, 175, 245
Decimal	9681909
CIELab	75.00, 0.97, -32.99
CIELCh	75, 33.003, 271.688
Yxy	48.2781, 0.2463, 0.2572
Android (android.graphics.Color)	4287871989 (0xFF93BBF5)
YUV	181.6520, 31.2306, -30.3898
Hunter-Lab	69.4824, -2.8324, -30.8775

Details

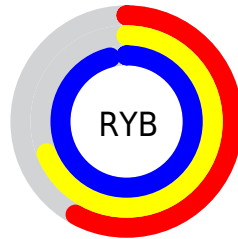
The CIELCh color `75, 33.003, 271.688` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `85, 34.733, 79.315`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 14.124, 224.794`, and `55, 33.230, 272.115` is the 20% darker color. If you saturate the color by 10%, you get `70, 41.342, 274.268`, and if you desaturate by 10%, it is `80, 24.703, 269.491`.

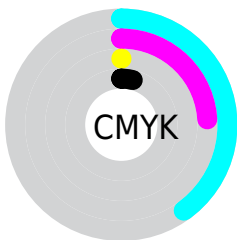
Distribution



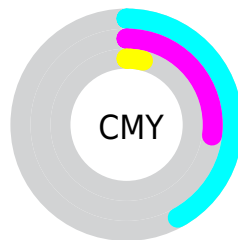
- Red (58%)
- Green (73%)
- Blue (96%)



- Red (58%)
- Yellow (69%)
- Blue (96%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 33.003, 271.688 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 75, 33.003, 271.688 by changing the saturation by 10% instead.

■ 75, 33.003,
271.688

■ 75, 33.003,
271.688

■ 100, 33.003,
271.688

■ 65, 33.003,
271.688

■ 95, 33.003,
271.688

■ 55, 33.003,
271.688

■ 45, 33.003,
271.688

■ 35, 33.003,
271.688

■ 25, 33.003,
271.688

■ 15, 33.003,
271.688

■ 5, 33.003, 271.688

0, 33.003, 271.688

75, 33.003,
271.688

75, 33.003,
271.688

70, 41.342,
274.268

80, 24.703,
269.491

65, 49.752,
277.271

86, 16.436,
267.629

60, 58.284,
280.702

91, 8.206, 266.062

55, 67.005,
284.509

96, 0.022, 280.351

51, 75.956,
288.560

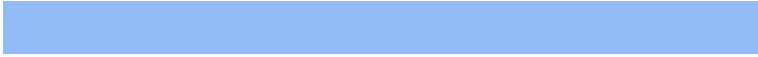
100, 5.112,
109.781

47, 85.093,
292.573

Harmonies

Complementary

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



75, 33.003, 271.688



85, 34.733, 79.315

Rectangle

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



75, 33.003, 271.688



75, 33.003, 321.688



75, 33.003, 91.688



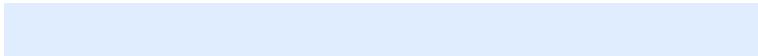
75, 33.003, 141.688

Sweetspot

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



75, 33.002, 271.687



93, 10.164, 266.354



90, 39.340, 164.257



49, 6.744, 266.551



0, 0.000, 0.000



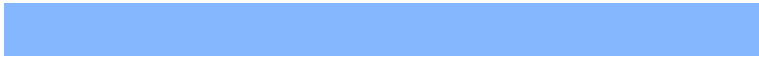
53, 0.007, 296.813

Same Dimension

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



75, 33.002, 271.687



73, 40.979, 273.743



65, 54.535, 298.056



48, 4.655, 265.987



35, 68.013, 291.856



9, 26.057, 285.401

Inverse Universe

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



72, 42.160, 353.409



70, 52.070, 354.723



94, 49.199, 110.091



48, 5.819, 349.725



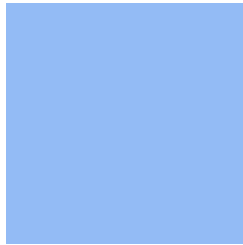
40, 66.862, 10.904



9, 29.688, 3.318

Previews

White Background



This preview shows how the CIELCh color 75, 33.003, 271.688 looks on a white background.

Color Contrast Check

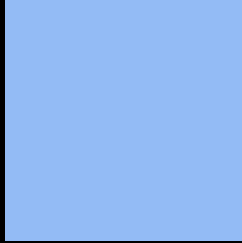
Large Text (above 18pt) WCAG AA × Fail

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 75, 33.003, 271.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

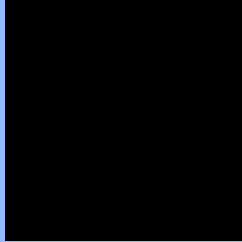
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

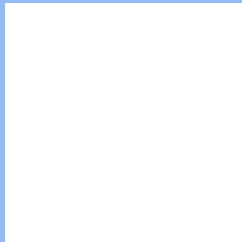
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 33.003, 271.688

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.003, 271.688.

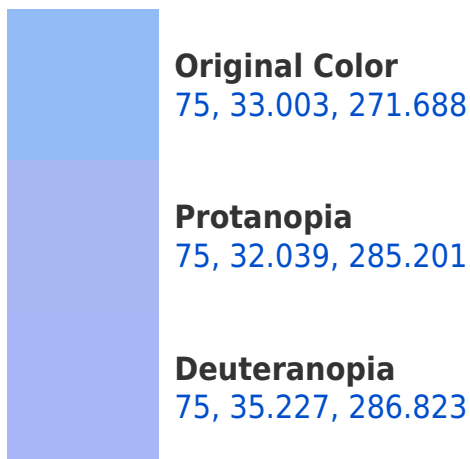


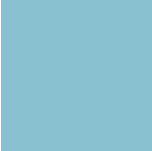
This preview shows how white text looks on a background with the CIELCh color 75, 33.003, 271.688.

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



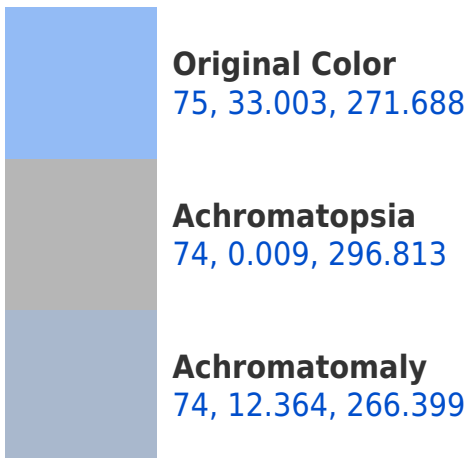


Tritanopia
75, 19.551, 224.644

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.003, 271.688 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(147, 187, 245)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 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(147, 187, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.003, 271.688 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(147, 187, 245) }
```

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

```
.border{ border-color:rgb(147, 187, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 187, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 187, 245); box-shadow:4px 4px 4px 4px rgb(147, 187, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.003, 271.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 245) }
```

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

```
.background{ background-color: rgb(147,  
187, 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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