

Converting Colors

CIELCh(77, 18.971, 248.067)

Have a look what the booklet for
CIELCh(77, 18.971, 248.067)
contains.

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Color

CIELCh(77, 19.108, 248.484)

Conversions

Conversions Part 1

Format	Color
Hex	9BC3DE
RGB	155, 195, 222
RGB Percent	61%, 76%, 87%
CMY	0.3905, 0.2336, 0.1277
CMYK	0.30, 0.12, 0.00, 0.13
HSL	204°, 51%, 74%
HSV	204°, 30%, 87%
XYZ	46.4552, 51.5317, 76.9162
YIQ	186.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

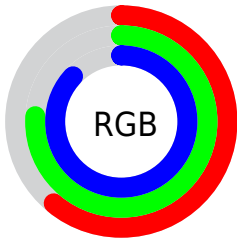
Format	Color
RYB	155, 180, 222
Decimal	10208222
CIELab	77.00, -7.01, -17.78
CIELCh	77, 19.108, 248.484
Yxy	51.5317, 0.2656, 0.2946
Android (android.graphics.Color)	4288398302 (0xFF9BC3DE)
YUV	186.1180, 17.6898, -27.2905
Hunter-Lab	71.7856, -10.1107, -13.2775

Details

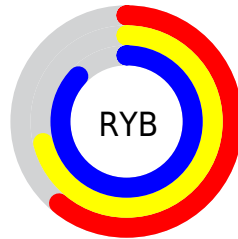
The CIELCh color **77, 19.108, 248.484** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77, 21.876, 61.192**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.724, 205.060**, and **57, 19.200, 249.686** is the 20% darker color. If you saturate the color by 10%, you get **73, 24.948, 250.516**, and if you desaturate by 10%, it is **81, 12.984, 246.818**.

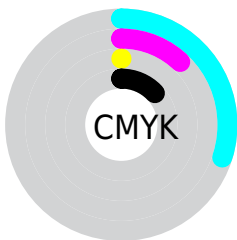
Distribution



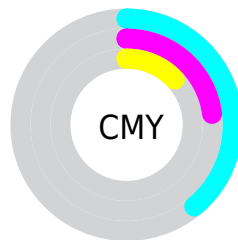
- Red (61%)
- Green (76%)
- Blue (87%)



- Red (61%)
- Yellow (71%)
- Blue (87%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 19.108, 248.484 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, 19.108, 248.484 by changing the saturation by 10% instead.

■ 77, 19.108,
248.484

■ 77, 19.108,
248.484

■ 100, 19.108,
248.484

■ 67, 19.108,
248.484

■ 97, 19.108,
248.484

■ 57, 19.108,
248.484

■ 47, 19.108,
248.484

■ 37, 19.108,
248.484

■ 27, 19.108,
248.484

■ 17, 19.108,
248.484

■ 7, 19.108, 248.484

0, 19.108, 248.484

77, 19.108,
248.484

77, 19.108,
248.484

73, 24.948,
250.516

81, 12.984,
246.818

70, 30.465,
252.999

85, 6.629, 245.478

66, 35.640,
256.004

89, 0.090, 249.569

93, 6.586, 63.257

63, 40.487,
259.591

96, 10.582, 78.694

60, 45.077,
263.778

98, 13.758,
100.276

57, 49.535,
268.501

99, 16.468,
108.933

■ 54, 54.000,
273.425

Harmonies

Complementary

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



77, 19.108, 248.484



77, 21.876, 61.192

Rectangle

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



77, 19.108, 248.484



77, 19.108, 298.484



77, 19.108, 68.484



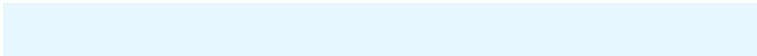
77, 19.108, 118.484

Sweetspot

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



77, 19.107, 248.480



96, 6.591, 245.356



83, 32.106, 156.005



51, 4.571, 245.526



0, 0.000, 0.000



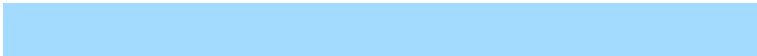
53, 0.007, 296.813

Same Dimension

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



77, 19.107, 248.480



85, 25.206, 249.684



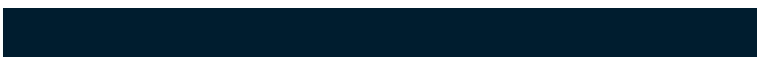
68, 33.241, 289.787



45, 3.747, 245.399



43, 44.751, 272.569



10, 16.199, 262.571

Inverse Universe

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



72, 32.731, 341.269



78, 43.633, 341.878



85, 31.392, 102.595



44, 6.142, 339.453



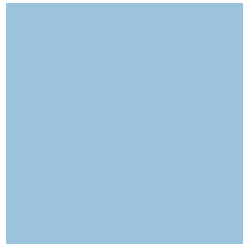
38, 66.113, 353.035



7, 27.648, 347.795

Previews

White Background



This preview shows how the CIELCh color 77, 19.108, 248.484 looks on a white background.

Color Contrast Check

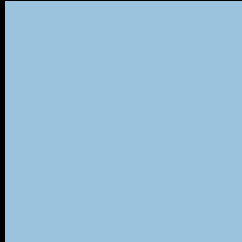
Large Text (above 18pt) WCAG AA × Fail

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, 19.108, 248.484 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, 19.108, 248.484

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.108, 248.484.

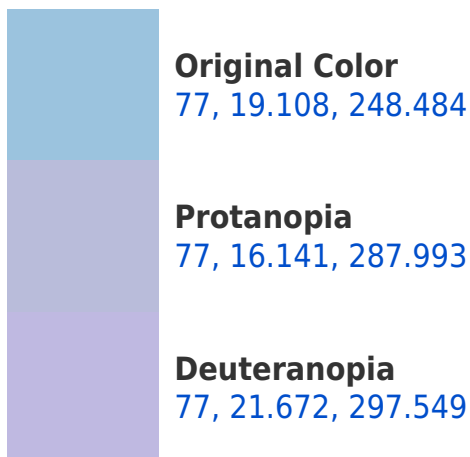


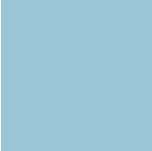
This preview shows how white text looks on a background with the CIELCh color 77, 19.108, 248.484.

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](#).

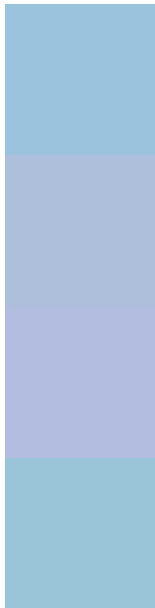
Dichromacy





Tritanopia
77, 16.669, 229.714

Trichromacy



Original Color
77, 19.108, 248.484

Protanomaly
77, 16.439, 271.182

Deuteranomaly
77, 19.072, 280.730

Tritanomaly
77, 17.212, 237.467

Monochromacy



Original Color
77, 19.108, 248.484

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.236, 247.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.108, 248.484 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(155, 195, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 195, 222)  
}
```

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(155, 195, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 195, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.108, 248.484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

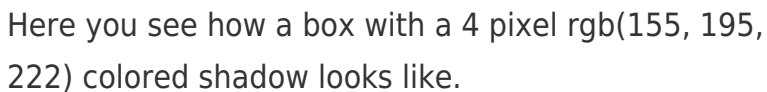
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 195, 222) }
```

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

```
.border{ border-color:rgb(155, 195, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 195, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 195, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 195, 222);  
box-shadow:4px 4px 4px 4px rgb(155, 195,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.108, 248.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 195, 222) }
```

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

```
.background{ background-color: rgb(155,  
195, 222) }
```

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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