

Converting Colors

CIELCh(77, 24.347, 244.631)

Have a look what the booklet for
CIELCh(77, 24.347, 244.631)
contains.

CIELCh(77, 24.283, 243.860)	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, 24.283, 243.860)

Conversions

Conversions Part 1

Format	Color
Hex	8CC6E6
RGB	140, 198, 230
RGB Percent	55%, 78%, 90%
CMY	0.4519, 0.2245, 0.0990
CMYK	0.39, 0.14, 0.00, 0.10
HSL	201°, 64%, 72%
HSV	201°, 39%, 90%
XYZ	45.1616, 51.5317, 82.2462
YIQ	184.3060, -44.8400, -2.3440

Conversions

Conversions Part 2

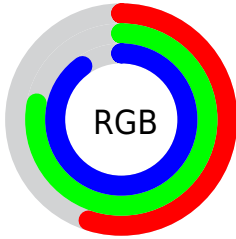
Format	Color
RYB	140, 175, 230
Decimal	9225958
CIELab	77.00, -10.70, -21.80
CIElCh	77, 24.283, 243.860
Yxy	51.5317, 0.2524, 0.2880
Android (android.graphics.Color)	4287416038 (0xFF8CC6E6)
YUV	184.3060, 22.5271, -38.8564
Hunter-Lab	71.7856, -13.3273, -17.6798

Details

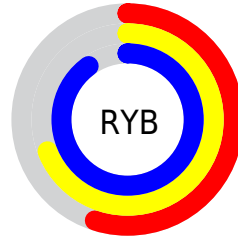
The CIELCh color **77, 24.283, 243.860** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75, 30.117, 55.239**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **57, 24.184, 243.700** is the 20% darker color. If you saturate the color by 10%, you get **74, 29.589, 246.121**, and if you desaturate by 10%, it is **80, 18.554, 242.033**.

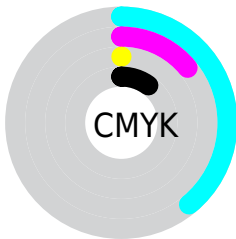
Distribution



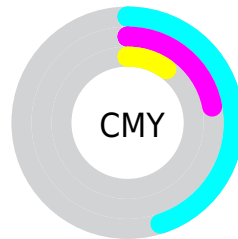
- Red (55%)
- Green (78%)
- Blue (90%)



- Red (55%)
- Yellow (69%)
- Blue (90%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 24.283, 243.860 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, 24.283, 243.860 by changing the saturation by 10% instead.

■ 77, 24.283,
243.860

■ 77, 24.283,
243.860

■ 100, 24.283,
243.860

■ 67, 24.283,
243.860

■ 97, 24.283,
243.860

■ 57, 24.283,
243.860

■ 47, 24.283,
243.860

■ 37, 24.283,
243.860

■ 27, 24.283,
243.860

■ 17, 24.283,
243.860

■ 7, 24.283, 243.860

0, 24.283, 243.860

77, 24.283,
243.860

77, 24.283,
243.860

74, 29.589,
246.121

80, 18.554,
242.033

70, 34.434,
248.906

84, 12.462,
240.569

67, 38.814,
252.294

88, 6.073, 239.421

64, 42.782,
256.333

92, 0.553, 57.417

62, 46.459,
261.000

95, 7.358, 57.509

59, 50.055,
266.101

97, 9.144, 90.431

99, 12.744,
109.106

■ 59, 50.365,
266.515

■ 99, 12.777,
109.212

Harmonies

Complementary

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



77, 24.283, 243.860



75, 30.117, 55.239

Rectangle

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



77, 24.283, 243.860



77, 24.283, 293.860



77, 24.283, 63.860



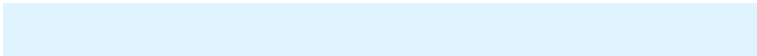
77, 24.283, 113.860

Sweetspot

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



77, 24.282, 243.858



95, 8.605, 239.721



84, 44.276, 152.845



50, 5.694, 239.866



0, 0.000, 0.000



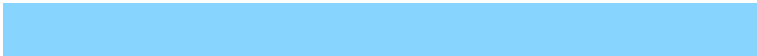
53, 0.007, 296.813

Same Dimension

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



77, 24.282, 243.858



82, 30.963, 245.653



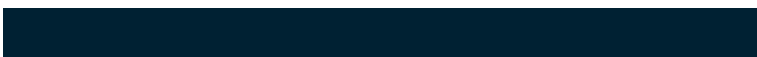
65, 42.552, 289.059



46, 3.757, 239.449



46, 41.236, 265.586



11, 15.723, 256.112

Inverse Universe

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



69, 44.892, 339.807



72, 58.019, 340.626



86, 39.834, 98.827



45, 6.471, 337.269



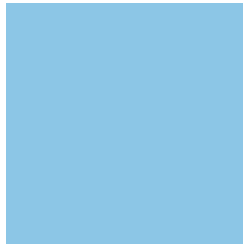
39, 68.386, 349.105



7, 29.553, 344.902

Previews

White Background



This preview shows how the CIELCh color 77, 24.283, 243.860 looks on a white background.

Color Contrast Check

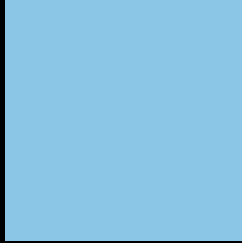
Large Text (above 18pt) WCAG AA × Fail

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, 24.283, 243.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

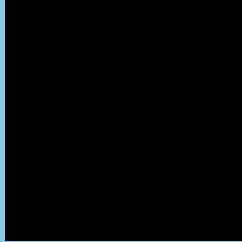
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.283, 243.860

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.283, 243.860.

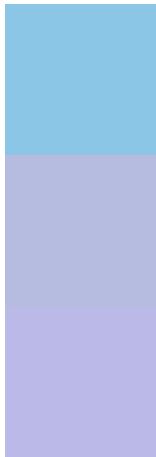


This preview shows how white text looks on a background with the CIELCh color 77, 24.283, 243.860.

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

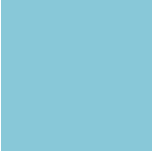
77, 24.283, 243.860

Protanopia

77, 18.879, 285.726

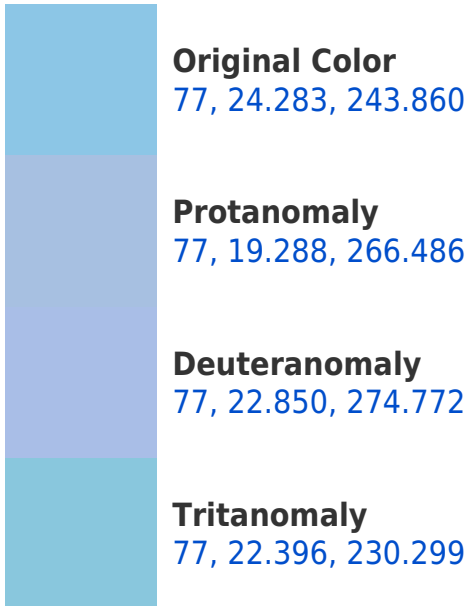
Deuteranopia

77, 25.315, 293.234

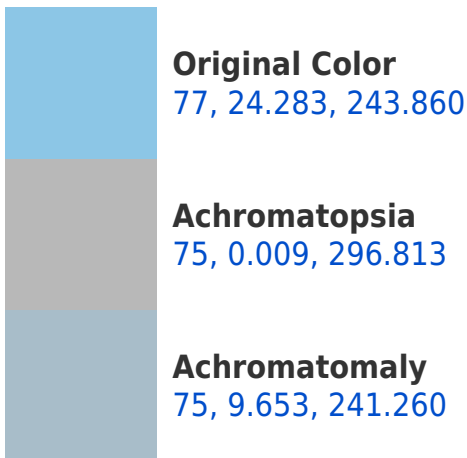


Tritanopia
77, 21.806, 221.454

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.283, 243.860 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(140, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(140, 198, 230)  
}
```

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(140, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 198, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.283, 243.860 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(140, 198, 230) }
```

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

```
.border{ border-color:rgb(140, 198, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 198, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 198, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 198, 230);  
box-shadow:4px 4px 4px 4px rgb(140, 198,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.283, 243.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 198, 230) }
```

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

```
.background{ background-color: rgb(140,  
198, 230) }
```

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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