

Converting Colors

CIELCh(77, 14.044, 242.070)

Have a look what the booklet for
CIELCh(77, 14.044, 242.070)
contains.

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Color

CIELCh(77, 14.250, 241.741)

Conversions

Conversions Part 1

Format	Color
Hex	A3C3D5
RGB	163, 195, 213
RGB Percent	64%, 76%, 84%
CMY	0.3613, 0.2359, 0.1653
CMYK	0.23, 0.08, 0.00, 0.17
HSL	202°, 37%, 74%
HSV	202°, 23%, 83%
XYZ	46.5477, 51.5317, 70.3442
YIQ	187.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

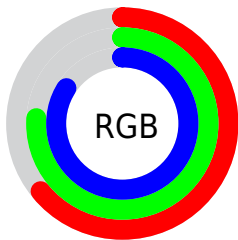
Format	Color
RYB	163, 183, 213
Decimal	10732501
CIELab	77.00, -6.75, -12.55
CIELCh	77, 14.250, 241.741
Yxy	51.5317, 0.2764, 0.3060
Android (android.graphics.Color)	4288922581 (0xFFA3C3D5)
YUV	187.4840, 12.5794, -21.4725
Hunter-Lab	71.7856, -9.8807, -7.8496

Details

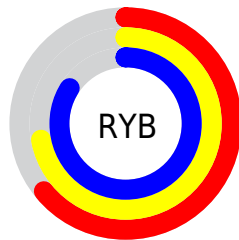
The CIELCh color **77, 14.250, 241.741** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 16.036, 56.931**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 11.181, 206.692**, and **57, 14.226, 241.927** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.857, 243.353**, and if you desaturate by 10%, it is **80, 8.343, 240.442**.

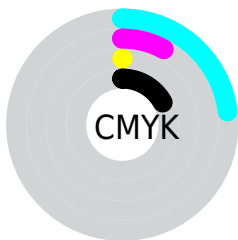
Distribution



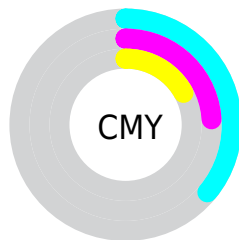
- Red (64%)
- Green (76%)
- Blue (84%)



- Red (64%)
- Yellow (72%)
- Blue (84%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (36%)
- Magenta (24%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.250, 241.741 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, 14.250, 241.741 by changing the saturation by 10% instead.


 77, 14.250,
241.741


 77, 14.250,
241.741


 100, 14.250,
241.741


 67, 14.250,
241.741


 97, 14.250,
241.741

 57, 14.250,
241.741

 47, 14.250,
241.741

 37, 14.250,
241.741

 27, 14.250,
241.741

 17, 14.250,
241.741

 7, 14.250, 241.741

0, 14.250, 241.741

77, 14.250,
241.741

77, 14.250,
241.741

74, 19.857,
243.353

80, 8.343, 240.442

70, 25.109,
245.360

84, 2.196, 239.539

67, 29.956,
247.837

88, 4.137, 58.325

64, 34.375,
250.865

91, 10.609, 57.684

61, 38.382,
254.513

94, 13.243, 71.397

59, 42.054,
258.803

96, 15.230, 88.767

97, 18.252,
101.155

99, 21.297,

■ 56, 45.530,
263.671

108.565

■ 55, 47.813,
266.961

Harmonies

Complementary

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



77, 14.250, 241.741



76, 16.036, 56.931

Rectangle

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



77, 14.250, 241.741



77, 14.250, 291.741



77, 14.250, 61.741



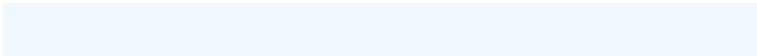
77, 14.250, 111.741

Sweetspot

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



77, 14.249, 241.735



97, 5.069, 239.784



81, 25.163, 154.504



52, 3.290, 239.839



0, 0.000, 0.000



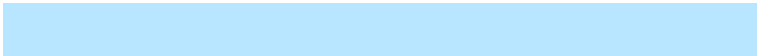
53, 0.007, 296.813

Same Dimension

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



77, 14.249, 241.735



89, 19.463, 242.468



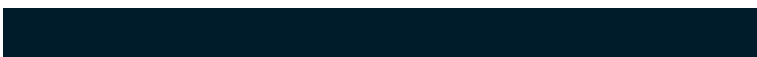
70, 23.323, 286.283



43, 3.554, 240.006



44, 40.169, 266.107



9, 14.063, 254.722

Inverse Universe

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



72, 25.314, 338.594



82, 34.971, 339.006



82, 22.518, 100.646



42, 6.094, 337.461



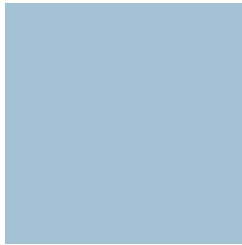
37, 66.087, 349.371



5, 25.416, 344.713

Previews

White Background



This preview shows how the CIELCh color 77, 14.250, 241.741 looks on a white background.

Color Contrast Check

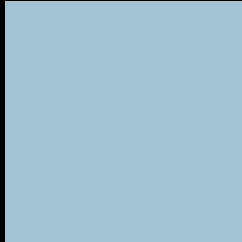
Large Text (above 18pt) WCAG AA × Fail

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, 14.250, 241.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

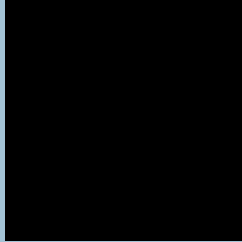
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

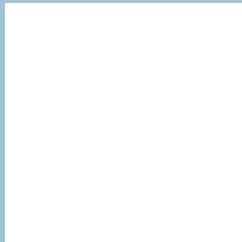
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.250, 241.741

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.250, 241.741.

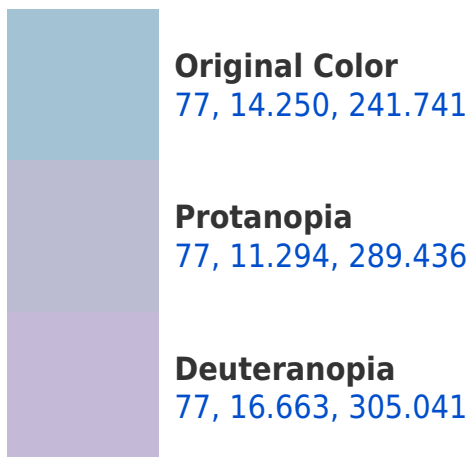


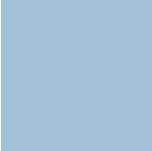
This preview shows how white text looks on a background with the CIELCh color 77, 14.250, 241.741.

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, 13.868, 237.247

Trichromacy



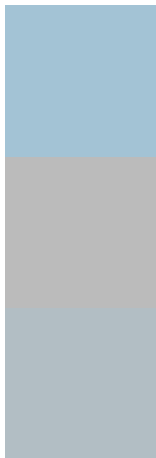
Original Color
77, 14.250, 241.741

Protanomaly
77, 11.434, 269.789

Deuteranomaly
77, 13.509, 284.039

Tritanomaly
77, 14.169, 239.099

Monochromacy



Original Color
77, 14.250, 241.741

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.327, 236.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.250, 241.741 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(163, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 213)  
}
```

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(163, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.250, 241.741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

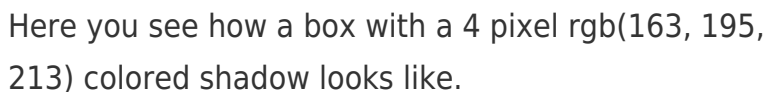
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 195, 213) }
```

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

```
.border{ border-color:rgb(163, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 195, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 195, 213); box-shadow:4px 4px 4px 4px rgb(163, 195, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.250, 241.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 213) }
```

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

```
.background{ background-color: rgb(163,  
195, 213) }
```

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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