

Converting Colors

CIELCh(77, 14.959, 239.229)

Have a look what the booklet for
CIELCh(77, 14.959, 239.229)
contains.

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Color

CIELCh(77, 14.959, 239.229)

Conversions

Conversions Part 1

Format	Color
Hex	A0C3D5
RGB	160, 195, 213
RGB Percent	63%, 76%, 84%
CMY	0.3711, 0.2338, 0.1632
CMYK	0.25, 0.08, 0.00, 0.16
HSL	200°, 39%, 73%
HSV	200°, 25%, 84%
XYZ	46.2273, 51.5317, 70.7128
YIQ	186.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

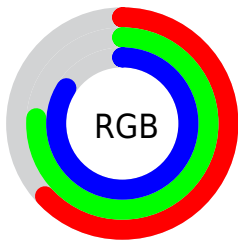
Format	Color
RYB	160, 181, 213
Decimal	10535893
CIELab	77.00, -7.65, -12.85
CIElCh	77, 14.959, 239.229
Yxy	51.5317, 0.2744, 0.3059
Android (android.graphics.Color)	4288725973 (0xFFA0C3D5)
YUV	186.5870, 13.0216, -23.3168
Hunter-Lab	71.7856, -10.6774, -8.1540

Details

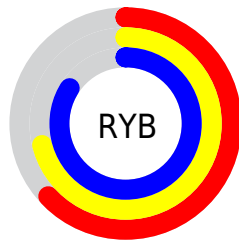
The CIELCh color `77, 14.959, 239.229` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `75, 17.091, 54.508`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 12.141, 206.004`, and `57, 14.932, 239.384` is the 20% darker color. If you saturate the color by 10%, you get `74, 20.449, 240.800`, and if you desaturate by 10%, it is `80, 9.133, 237.973`.

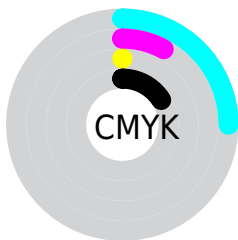
Distribution



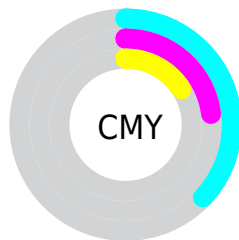
- Red (63%)
- Green (76%)
- Blue (84%)



- Red (63%)
- Yellow (71%)
- Blue (84%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (37%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.959, 239.229 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, 14.959, 239.229 by changing the saturation by 10% instead.

■ 77, 14.959,
239.229

■ 77, 14.959,
239.229

■ 100, 14.959,
239.229

■ 67, 14.959,
239.229

■ 97, 14.959,
239.229

■ 57, 14.959,
239.229

■ 47, 14.959,
239.229

■ 37, 14.959,
239.229

■ 27, 14.959,
239.229

■ 17, 14.959,
239.229

■ 7, 14.959, 239.229

0, 14.959, 239.229

77, 14.959,
239.229

77, 14.959,
239.229

74, 20.449,
240.800

80, 9.133, 237.973

71, 25.542,
242.769

84, 3.037, 237.063

68, 30.185,
245.214

87, 3.271, 55.916

65, 34.351,
248.222

91, 9.737, 55.352

62, 38.058,
251.864

93, 12.810, 66.547

59, 41.384,
256.168

95, 14.351, 84.385

97, 16.968, 97.644

99, 20.230,
106.905

■ 57, 44.478,
261.073

■ 99, 21.031,
108.585

■ 56, 46.088,
263.673

Harmonies

Complementary

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



77, 14.959, 239.229



75, 17.091, 54.508

Rectangle

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



77, 14.959, 239.229



77, 14.959, 289.229



77, 14.959, 59.229



77, 14.959, 109.229

Sweetspot

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



77, 14.958, 239.223



97, 5.051, 237.219



81, 27.006, 153.685



52, 3.278, 237.269



0, 0.000, 0.000



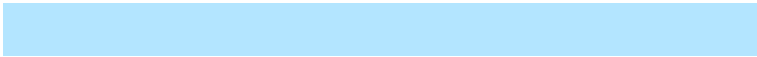
53, 0.007, 296.813

Same Dimension

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



77, 14.958, 239.223



88, 20.594, 240.040



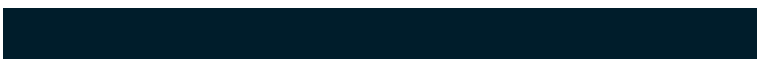
70, 24.300, 285.621



43, 3.540, 237.423



45, 38.683, 262.807



9, 13.730, 251.522

Inverse Universe

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



72, 27.214, 337.781



81, 37.980, 338.241



82, 23.478, 99.534



42, 6.183, 336.566



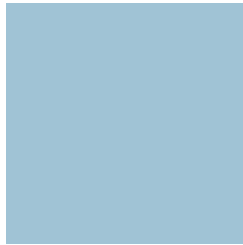
38, 66.833, 347.756



5, 25.758, 343.443

Previews

White Background



This preview shows how the CIELCh color 77, 14.959, 239.229 looks on a white background.

Color Contrast Check

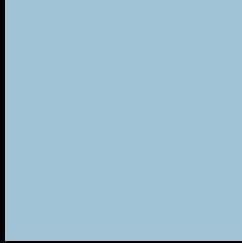
Large Text (above 18pt) WCAG AA × Fail

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, 14.959, 239.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

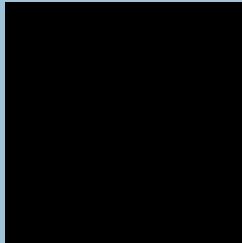
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

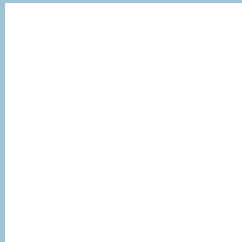
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.959, 239.229

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.959, 239.229.



This preview shows how white text looks on a background with the CIELCh color 77, 14.959, 239.229.

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, 14.959, 239.229

Protanopia

77, 11.294, 289.436

Deuteranopia

77, 17.185, 304.644



Tritanopia
77, 14.349, 232.995

Trichromacy



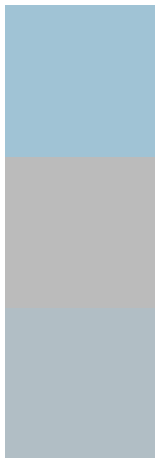
Original Color
77, 14.959, 239.229

Protanomaly
77, 11.671, 266.631

Deuteranomaly
77, 14.080, 282.995

Tritanomaly
77, 14.615, 234.875

Monochromacy



Original Color
77, 14.959, 239.229

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.918, 238.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.959, 239.229 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(160, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 195, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.959, 239.229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

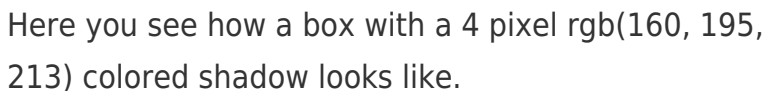
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 195, 213) }
```

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

```
.border{ border-color:rgb(160, 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(160, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 195, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 195, 213); box-shadow:4px 4px 4px 4px rgb(160, 195, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.959, 239.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 195, 213) }
```

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

```
.background{ background-color: rgb(160,  
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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