

Converting Colors

CIELCh(78, 13.442, 241.764)

Have a look what the booklet for
CIELCh(78, 13.442, 241.764)
contains.

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Color

CIELCh(78, 13.433, 241.751)

Conversions

Conversions Part 1

Format	Color
Hex	A7C5D6
RGB	167, 197, 214
RGB Percent	65%, 77%, 84%
CMY	0.3438, 0.2261, 0.1594
CMYK	0.22, 0.08, 0.00, 0.16
HSL	202°, 37%, 75%
HSV	202°, 22%, 84%
XYZ	48.2327, 53.2120, 71.5788
YIQ	189.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

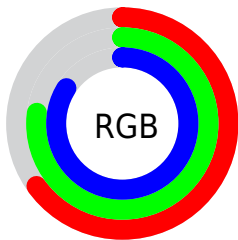
Format	Color
R _Y B	167, 185, 214
Decimal	10995158
CIE Lab	78.00, -6.36, -11.83
CIE LCh	78, 13.433, 241.751
Yxy	53.2120, 0.2788, 0.3075
Android (android.graphics.Color)	4289185238 (0xFFA7C5D6)
YUV	189.9680, 11.8478, -20.1429
Hunter-Lab	72.9466, -9.6313, -7.1157

Details

The CIELCh color **78, 13.433, 241.751** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 14.978, 57.258**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.488, 201.610**, and **58, 13.393, 241.790** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.130, 243.317**, and if you desaturate by 10%, it is **81, 7.446, 240.492**.

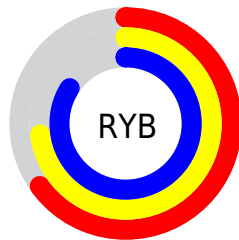
Distribution



Red (65%)

Green (77%)

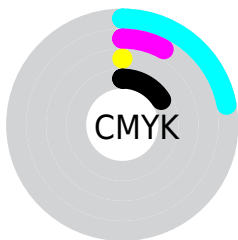
Blue (84%)



Red (65%)

Yellow (73%)

Blue (84%)

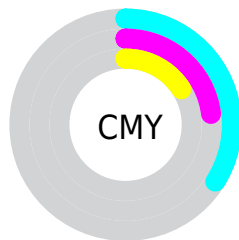


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 13.433, 241.751 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 78, 13.433, 241.751 by changing the saturation by 10% instead.

■ 78, 13.433,
241.751

■ 78, 13.433,
241.751

■ 100, 13.433,
241.751

■ 68, 13.433,
241.751

■ 98, 13.433,
241.751

■ 58, 13.433,
241.751

■ 48, 13.433,
241.751

■ 38, 13.433,
241.751

■ 28, 13.433,
241.751

■ 18, 13.433,
241.751

■ 8, 13.433, 241.751

■ 0, 13.433, 241.751

■ 78, 13.433,
241.751

■ 78, 13.433,
241.751

■ 75, 19.130,
243.317

■ 81, 7.446, 240.492

■ 71, 24.480,
245.267

■ 85, 1.228, 239.787

■ 68, 29.433,
247.675

■ 89, 5.167, 58.439

■ 65, 33.960,
250.623

■ 92, 11.693, 57.795

■ 62, 38.072,
254.182

■ 94, 13.184, 77.083

■ 59, 41.835,
258.383

■ 96, 15.594, 93.615

■ 98, 18.920,
104.928

■ 99, 20.545,

■ 57, 45.381,
263.176

108.622

■ 55, 48.244,
267.259

Harmonies

Complementary

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



78, 13.433, 241.751



77, 14.978, 57.258

Rectangle

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



78, 13.433, 241.751



78, 13.433, 291.751



78, 13.433, 61.751



78, 13.433, 111.751

Sweetspot

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



78, 13.432, 241.744



97, 5.071, 240.004



82, 23.634, 154.648



52, 3.292, 240.059



0, 0.000, 0.000



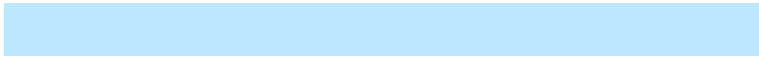
53, 0.007, 296.813

Same Dimension

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



78, 13.432, 241.744



89, 18.168, 242.383



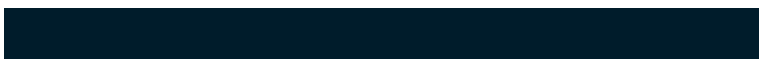
72, 21.845, 286.048



43, 3.555, 240.227



44, 40.303, 266.381



9, 14.093, 254.991

Inverse Universe

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



74, 23.730, 338.545



84, 32.429, 338.912



83, 21.144, 100.821



42, 6.086, 337.539



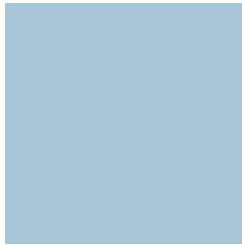
37, 66.025, 349.512



5, 25.387, 344.824

Previews

White Background



This preview shows how the CIELCh color 78, 13.433, 241.751 looks on a white background.

Color Contrast Check

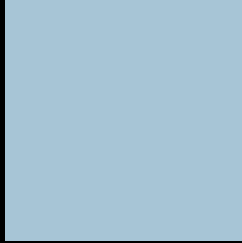
Large Text (above 18pt) WCAG AA × Fail

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 78, 13.433, 241.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

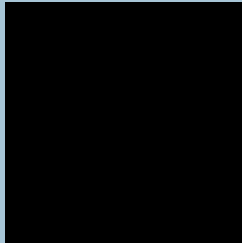
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

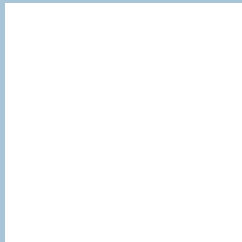
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.433, 241.751

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.433, 241.751.

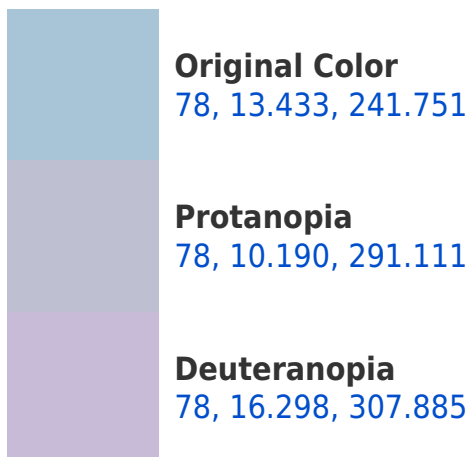


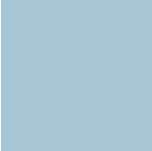
This preview shows how white text looks on a background with the CIELCh color 78, 13.433, 241.751.

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](#).

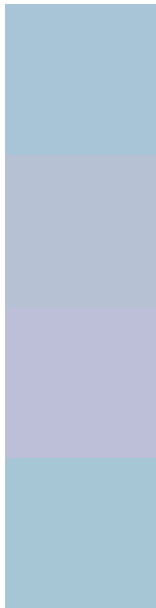
Dichromacy





Tritanopia
78, 13.045, 236.983

Trichromacy



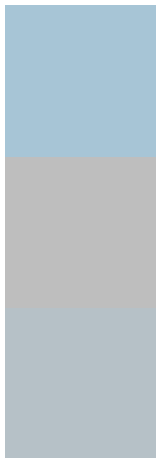
Original Color
78, 13.433, 241.751

Protanomaly
78, 10.792, 270.337

Deuteranomaly
78, 12.892, 286.707

Tritanomaly
78, 13.045, 236.983

Monochromacy



Original Color
78, 13.433, 241.751

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.038, 239.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.433, 241.751 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(167, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 214)  
}
```

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(167, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.433, 241.751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

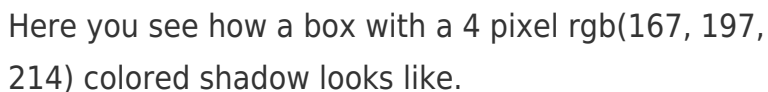
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 197, 214) }
```

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

```
.border{ border-color:rgb(167, 197, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(167, 197,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.433, 241.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 197, 214) }
```

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

```
.background{ background-color: rgb(167,  
197, 214) }
```

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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