

Converting Colors

CIELCh(78, 13.761, 241.992)

Have a look what the booklet for
CIELCh(78, 13.761, 241.992)
contains.

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Color

CIELCh(78, 13.769, 243.543)

Conversions

Conversions Part 1

Format	Color
Hex	A7C5D7
RGB	167, 197, 215
RGB Percent	65%, 77%, 84%
CMY	0.3441, 0.2264, 0.1558
CMYK	0.22, 0.08, 0.00, 0.16
HSL	202°, 38%, 75%
HSV	202°, 22%, 84%
XYZ	48.3138, 53.2120, 72.1903
YIQ	190.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

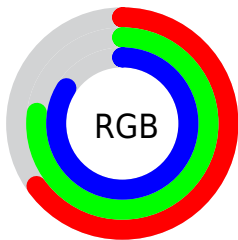
Format	Color
RYB	167, 185, 215
Decimal	10995159
CIELab	78.00, -6.13, -12.33
CIELCh	78, 13.769, 243.543
Yxy	53.2120, 0.2781, 0.3063
Android (android.graphics.Color)	4289185239 (0xFFA7C5D7)
YUV	190.0820, 12.2846, -20.2429
Hunter-Lab	72.9466, -9.4328, -7.6128

Details

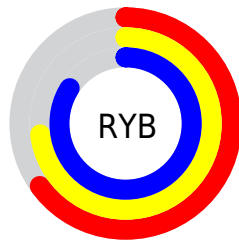
The CIELCh color **78, 13.769, 243.543** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 15.314, 58.754**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.488, 201.610**, and **58, 13.743, 243.735** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.532, 245.175**, and if you desaturate by 10%, it is **82, 7.730, 242.223**.

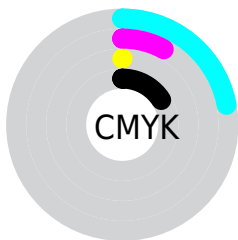
Distribution



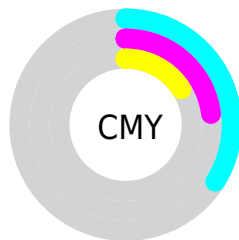
- Red (65%)
- Green (77%)
- Blue (84%)



- 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, 13.769, 243.543 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, 13.769, 243.543 by changing the saturation by 10% instead.

■ 78, 13.769,
243.543

■ 78, 13.769,
243.543

■ 100, 13.769,
243.543

■ 68, 13.769,
243.543

■ 98, 13.769,
243.543

■ 58, 13.769,
243.543

■ 48, 13.769,
243.543

■ 38, 13.769,
243.543

■ 28, 13.769,
243.543

■ 18, 13.769,
243.543

■ 8, 13.769, 243.543

0, 13.769, 243.543

78, 13.769,
243.543

78, 13.769,
243.543

74, 19.532,
245.175

82, 7.730, 242.223

71, 24.966,
247.196

85, 1.472, 241.396

68, 30.026,
249.680

89, 4.955, 60.069

65, 34.688,
252.706

93, 11.505, 59.383

62, 38.969,
256.339

95, 13.140, 79.852

59, 42.942,
260.600

97, 15.862, 96.405

99, 19.482,
107.352

99, 20.085,

■ 56, 46.742,
265.424

108.657

■ 54, 49.695,
269.307

Harmonies

Complementary

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



78, 13.769, 243.543



77, 15.314, 58.754

Rectangle

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



78, 13.769, 243.543



78, 13.769, 293.543



78, 13.769, 63.543



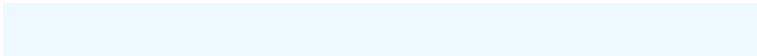
78, 13.769, 113.543

Sweetspot

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



78, 13.768, 243.537



97, 5.089, 241.669



82, 23.810, 155.323



51, 3.303, 241.727



0, 0.000, 0.000



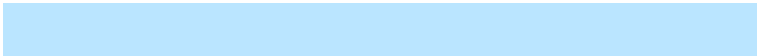
53, 0.007, 296.813

Same Dimension

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



78, 13.768, 243.537



89, 18.937, 244.305



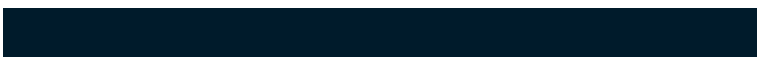
72, 22.734, 286.952



43, 3.568, 241.904



43, 41.347, 268.420



9, 14.335, 257.012

Inverse Universe

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



74, 23.999, 339.196



83, 33.380, 339.628



83, 21.936, 101.698



42, 6.029, 338.141



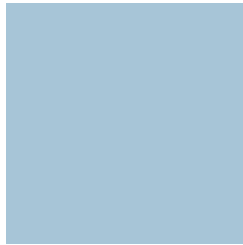
37, 65.574, 350.598



5, 25.172, 345.681

Previews

White Background



This preview shows how the CIELCh color 78, 13.769, 243.543 looks on a white background.

Color Contrast Check

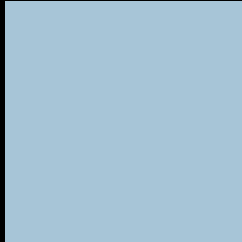
Large Text (above 18pt) WCAG AA × Fail

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, 13.769, 243.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

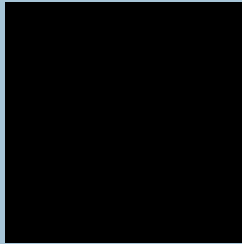
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

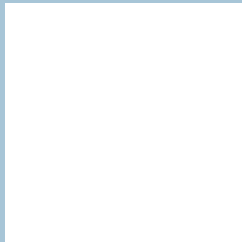
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.769, 243.543

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.769, 243.543.



This preview shows how white text looks on a background with the CIELCh color 78, 13.769, 243.543.

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

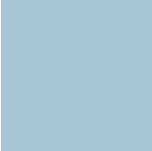
78, 13.769, 243.543

Protanopia

78, 10.725, 289.279

Deuteranopia

78, 16.812, 307.385



Tritanopia
78, 13.045, 236.983

Trichromacy



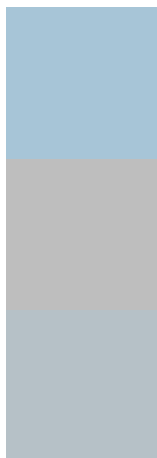
Original Color
78, 13.769, 243.543

Protanomaly
78, 11.291, 271.388

Deuteranomaly
78, 13.426, 286.950

Tritanomaly
78, 13.346, 238.940

Monochromacy



Original Color
78, 13.769, 243.543

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, 13.769, 243.543 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(167, 197, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 197, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.769, 243.543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

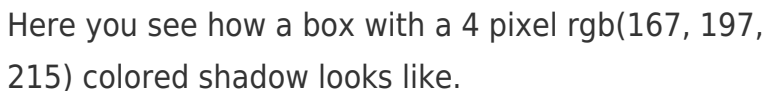
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 197, 215) }
```

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

```
.border{ border-color:rgb(167, 197, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 197, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 197, 215);  
box-shadow:4px 4px 4px 4px rgb(167, 197,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.769, 243.543 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, 215) }
```

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

```
.background{ background-color: rgb(167,  
197, 215) }
```

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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