

Converting Colors

CIELCh(78, 17.728, 245.485)

Have a look what the booklet for
CIELCh(78, 17.728, 245.485)
contains.

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Color

CIELCh(78, 17.590, 246.018)

Conversions

Conversions Part 1

Format	Color
Hex	A0C6DE
RGB	160, 198, 222
RGB Percent	63%, 78%, 87%
CMY	0.3721, 0.2230, 0.1289
CMYK	0.28, 0.11, 0.00, 0.13
HSL	203°, 49%, 75%
HSV	203°, 28%, 87%
XYZ	47.9460, 53.2120, 76.9410
YIQ	189.3740, -30.3520, -0.5920

Conversions

Conversions Part 2

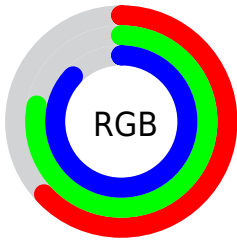
Format	Color
RYB	160, 184, 222
Decimal	10536670
CIELab	78.00, -7.15, -16.07
CIELCh	78, 17.590, 246.018
Yxy	53.2120, 0.2692, 0.2988
Android (android.graphics.Color)	4288726750 (0xFFA0C6DE)
YUV	189.3740, 16.0846, -25.7610
Hunter-Lab	72.9466, -10.3326, -11.4741

Details

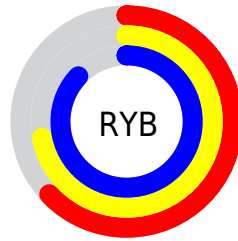
The CIELCh color **78, 17.590, 246.018** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 20.064, 59.622**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **58, 17.637, 246.862** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.388, 247.909**, and if you desaturate by 10%, it is **82, 11.494, 244.477**.

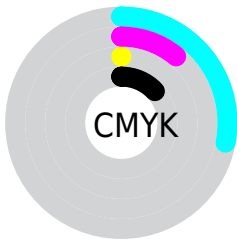
Distribution



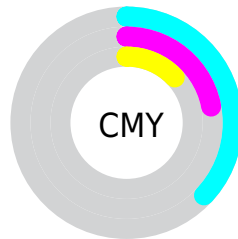
- Red (63%)
- Green (78%)
- Blue (87%)



- Red (63%)
- Yellow (72%)
- Blue (87%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (37%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 17.590, 246.018 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, 17.590, 246.018 by changing the saturation by 10% instead.

■ 78, 17.590,
246.018

■ 78, 17.590,
246.018

■ 100, 17.590,
246.018

■ 68, 17.590,
246.018

■ 98, 17.590,
246.018

■ 58, 17.590,
246.018

■ 48, 17.590,
246.018

■ 38, 17.590,
246.018

■ 28, 17.590,
246.018

■ 18, 17.590,
246.018

■ 8, 17.590, 246.018

0, 17.590, 246.018

78, 17.590,
246.018

78, 17.590,
246.018

74, 23.388,
247.909

82, 11.494,
244.477

71, 28.842,
250.233

85, 5.158, 243.260

67, 33.920,
253.067

89, 1.369, 61.764

93, 8.037, 61.200

64, 38.624,
256.481

96, 10.947, 81.652

61, 43.005,
260.512

98, 14.133,
101.220

58, 47.178,
265.130

99, 16.626,
108.921

■ 56, 51.317,
270.164

■ 55, 52.211,
271.188

Harmonies

Complementary

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



78, 17.590, 246.018



78, 20.064, 59.622

Rectangle

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



78, 17.590, 246.018



78, 17.590, 296.018



78, 17.590, 66.018



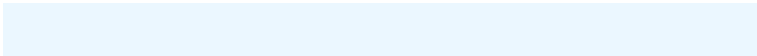
78, 17.590, 116.018

Sweetspot

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



78, 17.589, 246.014



97, 5.830, 243.275



84, 30.136, 155.495



51, 4.134, 243.438



0, 0.000, 0.000



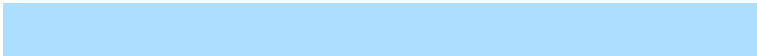
53, 0.007, 296.813

Same Dimension

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



78, 17.589, 246.014



86, 23.004, 246.977



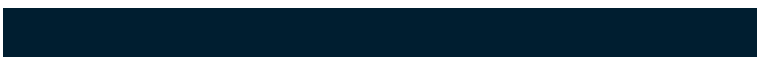
70, 30.056, 288.646



45, 3.723, 243.424



44, 43.346, 270.326



10, 15.821, 260.278

Inverse Universe

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



73, 30.609, 340.274



79, 40.456, 340.775



85, 28.610, 101.965



44, 6.211, 338.703



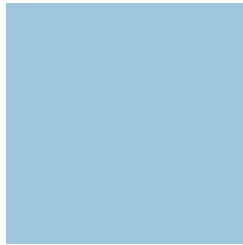
38, 66.595, 351.677



7, 27.890, 346.738

Previews

White Background



This preview shows how the CIE LCh color 78, 17.590, 246.018 looks on a white background.

Color Contrast Check

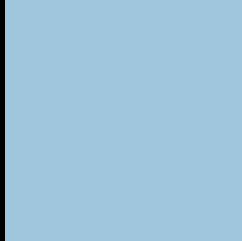
Large Text (above 18pt) WCAG AA × Fail

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, 17.590, 246.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

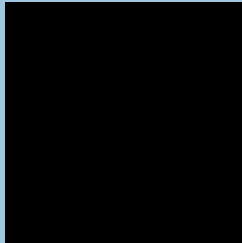
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

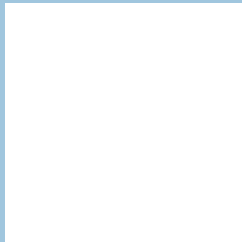
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 17.590, 246.018

Background



This preview shows how black text looks on a background with the CIELCh color 78, 17.590, 246.018.



This preview shows how white text looks on a background with the CIELCh color 78, 17.590, 246.018.

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, 17.590, 246.018

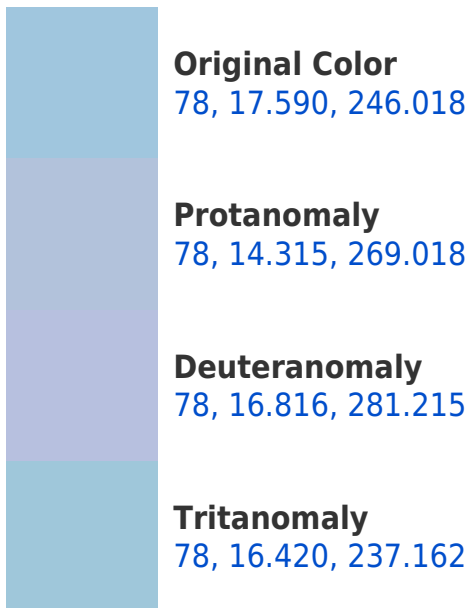
Protanopia
78, 13.959, 287.177

Deuteranopia
78, 19.569, 300.005

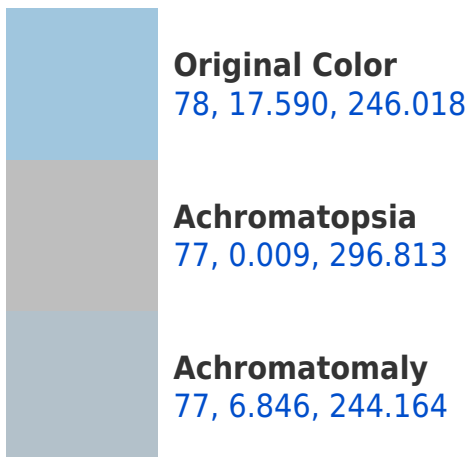


Tritanopia
78, 15.615, 232.075

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 17.590, 246.018 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, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(160, 198, 222)  
}
```

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, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 198, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 17.590, 246.018 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, 198, 222) }
```

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

```
.border{ border-color:rgb(160, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(160, 198,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 17.590, 246.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 198, 222) }
```

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

```
.background{ background-color: rgb(160,  
198, 222) }
```

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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