

Converting Colors

CIELCh(78, 18.155, 250.508)

Have a look what the booklet for
CIELCh(78, 18.155, 250.508)
contains.

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Color

CIELCh(78, 18.117, 249.359)

Conversions

Conversions Part 1

Format	Color
Hex	A1C6E0
RGB	161, 198, 224
RGB Percent	63%, 78%, 88%
CMY	0.3695, 0.2244, 0.1224
CMYK	0.28, 0.12, 0.00, 0.12
HSL	205°, 50%, 75%
HSV	205°, 28%, 88%
XYZ	48.2223, 53.2120, 78.0902
YIQ	189.9010, -30.3980, 0.2420

Conversions

Conversions Part 2

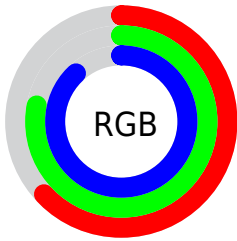
Format	Color
R _Y B	161, 184, 224
Decimal	10602208
CIE Lab	78.00, -6.39, -16.95
CIE LCh	78, 18.117, 249.359
Yxy	53.2120, 0.2686, 0.2964
Android (android.graphics.Color)	4288792288 (0xFFA1C6E0)
YUV	189.9010, 16.8108, -25.3462
Hunter-Lab	72.9466, -9.6566, -12.4081

Details

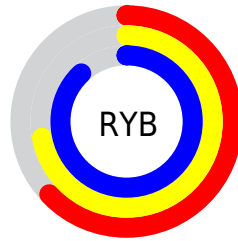
The CIELCh color **78, 18.117, 249.359** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 20.441, 62.454**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **58, 18.211, 250.396** is the 20% darker color. If you saturate the color by 10%, you get **74, 24.111, 251.341**, and if you desaturate by 10%, it is **82, 11.863, 247.731**.

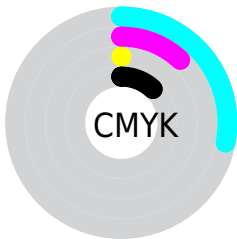
Distribution



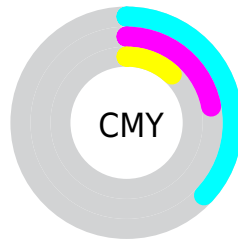
- Red (63%)
- Green (78%)
- Blue (88%)



- Red (63%)
- Yellow (72%)
- Blue (88%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)





- Cyan (37%)
- Magenta (22%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 18.117, 249.359 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, 18.117, 249.359 by changing the saturation by 10% instead.


 78, 18.117,
249.359


 78, 18.117,
249.359


 100, 18.117,
249.359


 68, 18.117,
249.359


 98, 18.117,
249.359


 58, 18.117,
249.359

 48, 18.117,
249.359

 38, 18.117,
249.359

 28, 18.117,
249.359

 18, 18.117,
249.359

 8, 18.117, 249.359

0, 18.117, 249.359

78, 18.117,
249.359

78, 18.117,
249.359

74, 24.111,
251.341

82, 11.863,
247.731

70, 29.806,
253.758

86, 5.398, 246.428

67, 35.179,
256.680

90, 1.231, 64.838

94, 7.981, 64.231

63, 40.241,
260.169

97, 11.041, 87.874

60, 45.052,
264.250

99, 14.909,
106.497

57, 49.729,
268.871

99, 15.795,
108.984

■ 54, 54.441,
273.842

■ 54, 55.344,
274.732

Harmonies

Complementary

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



78, 18.117, 249.359



78, 20.441, 62.454

Rectangle

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



78, 18.117, 249.359



78, 18.117, 299.359



78, 18.117, 69.359



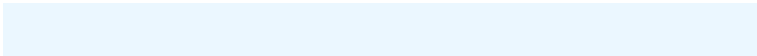
78, 18.117, 119.359

Sweetspot

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



78, 18.116, 249.355



96, 5.892, 246.418



84, 30.174, 156.210



51, 4.179, 246.592



0, 0.000, 0.000



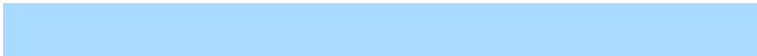
53, 0.007, 296.813

Same Dimension

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



78, 18.116, 249.355



85, 24.068, 250.519



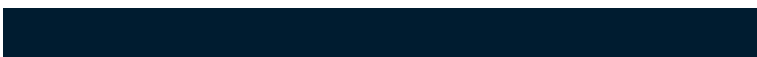
70, 31.092, 289.464



45, 3.764, 246.577



43, 45.628, 273.864



10, 16.439, 263.911

Inverse Universe

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



73, 30.534, 341.564



79, 40.989, 342.165



86, 29.493, 102.808



44, 6.101, 339.913



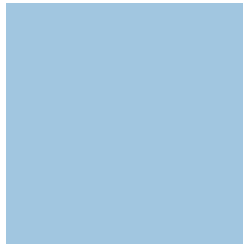
38, 65.843, 353.867



7, 27.508, 348.444

Previews

White Background



This preview shows how the CIE LCh color 78, 18.117, 249.359 looks on a white background.

Color Contrast Check

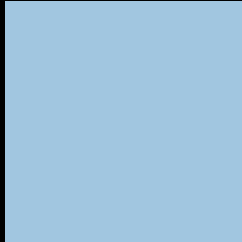
Large Text (above 18pt) WCAG AA × Fail

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, 18.117, 249.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

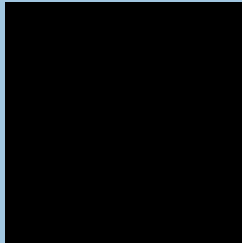
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 18.117, 249.359

Background



This preview shows how black text looks on a background with the CIELCh color 78, 18.117, 249.359.



This preview shows how white text looks on a background with the CIELCh color 78, 18.117, 249.359.

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, 18.117, 249.359

Protanopia
78, 15.027, 287.594

Deuteranopia
78, 20.583, 298.695



Tritanopia
78, 15.615, 232.075

Trichromacy



Original Color
78, 18.117, 249.359

Protanomaly
78, 15.708, 272.661

Deuteranomaly
78, 17.866, 281.977

Tritanomaly
78, 16.180, 237.852

Monochromacy



Original Color
78, 18.117, 249.359

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.846, 244.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 18.117, 249.359 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(161, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(161, 198, 224)  
}
```

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(161, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 198, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 18.117, 249.359 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(161, 198, 224) }
```

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

```
.border{ border-color:rgb(161, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 198, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 198, 224); box-shadow:4px 4px 4px 4px rgb(161, 198, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 18.117, 249.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 198, 224) }
```

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

```
.background{ background-color: rgb(161,  
198, 224) }
```

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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