

Converting Colors

CIELCh(78, 19.040, 265.244)

Have a look what the booklet for
CIELCh(78, 19.040, 265.244)
contains.

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Color

CIELCh(78, 19.366, 265.567)

Conversions

Conversions Part 1

Format	Color
Hex	A9C3E4
RGB	169, 195, 228
RGB Percent	66%, 76%, 89%
CMY	0.3363, 0.2344, 0.1049
CMYK	0.26, 0.14, 0.00, 0.10
HSL	214°, 52%, 78%
HSV	214°, 26%, 90%
XYZ	50.0179, 53.2120, 81.2114
YIQ	190.9880, -26.0890, 4.7510

Conversions

Conversions Part 2

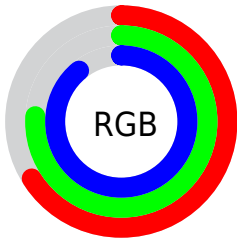
Format	Color
R _Y B	169, 187, 228
Decimal	11125732
CIE Lab	78.00, -1.50, -19.31
CIE LCh	78, 19.366, 265.567
Yxy	53.2120, 0.2712, 0.2885
Android (android.graphics.Color)	4289315812 (0xFFA9C3E4)
YUV	190.9880, 18.2469, -19.2835
Hunter-Lab	72.9466, -5.2627, -14.9450

Details

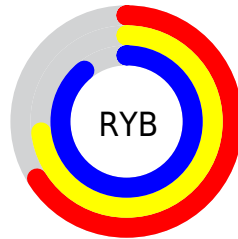
The CIELCh color `78, 19.366, 265.567` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `83, 20.258, 78.196`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 9.002, 212.111`, and `58, 19.735, 267.063` is the 20% darker color. If you saturate the color by 10%, you get `73, 26.829, 267.619`, and if you desaturate by 10%, it is `83, 11.880, 263.831`.

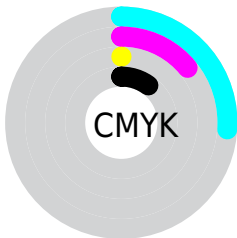
Distribution



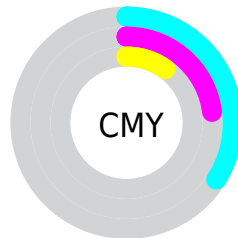
- Red (66%)
- Green (76%)
- Blue (89%)



- Red (66%)
- Yellow (73%)
- Blue (89%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 19.366, 265.567 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, 19.366, 265.567 by changing the saturation by 10% instead.

■ 78, 19.366,
265.567

■ 78, 19.366,
265.567

■ 100, 19.366,
265.567

■ 68, 19.366,
265.567

■ 98, 19.366,
265.567

■ 58, 19.366,
265.567

■ 48, 19.366,
265.567

■ 38, 19.366,
265.567

■ 28, 19.366,
265.567

■ 18, 19.366,
265.567

■ 8, 19.366, 265.567

0, 19.366, 265.567

78, 19.366,
265.567

78, 19.366,
265.567

73, 26.829,
267.619

83, 11.880,
263.831

68, 34.270,
270.046

88, 4.390, 262.401

64, 41.697,
272.895

93, 3.091, 80.941

97, 9.707, 90.448

59, 49.148,
276.194

99, 13.539,
109.154

55, 56.684,
279.928

51, 64.383,
284.012

■ 47, 72.293,
288.270

■ 45, 75.645,
289.964

Harmonies

Complementary

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



78, 19.366, 265.567



83, 20.258, 78.196

Rectangle

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



78, 19.366, 265.567



78, 19.366, 315.567



78, 19.366, 85.567



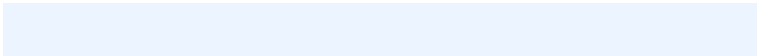
78, 19.366, 135.567

Sweetspot

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



78, 19.365, 265.564



96, 6.561, 262.684



86, 25.097, 164.015



50, 4.662, 262.891



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, 19.365, 265.564



83, 25.392, 266.617



71, 32.274, 294.956



46, 4.276, 262.877



36, 61.882, 289.247



8, 21.887, 281.072

Inverse Universe

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



75, 26.007, 349.483



80, 34.236, 350.120



89, 30.348, 109.837



45, 5.631, 347.764



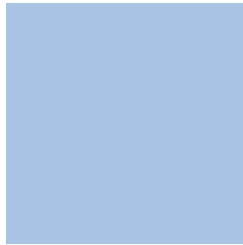
38, 64.608, 7.581



7, 27.130, 359.414

Previews

White Background



This preview shows how the CIELCh color 78, 19.366, 265.567 looks on a white background.

Color Contrast Check

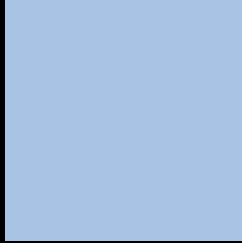
Large Text (above 18pt) WCAG AA × Fail

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, 19.366, 265.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

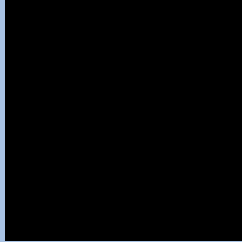
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

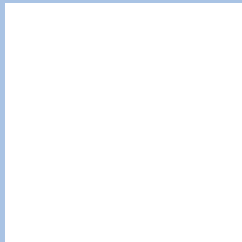
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 19.366, 265.567

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.366, 265.567.

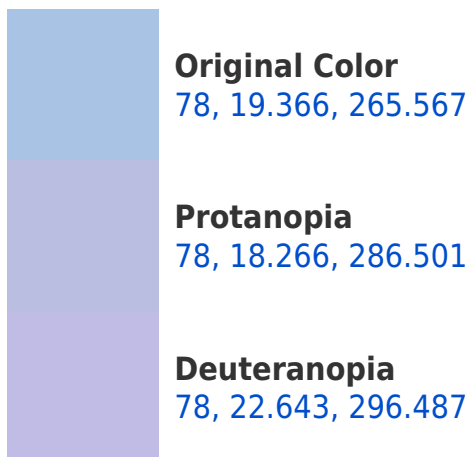


This preview shows how white text looks on a background with the CIELCh color 78, 19.366, 265.567.

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, 13.593, 238.057

Trichromacy



Original Color
78, 19.366, 265.567

Protanomaly
78, 18.088, 277.808

Deuteranomaly
78, 20.446, 285.432

Tritanomaly
78, 15.227, 249.900

Monochromacy



Original Color
78, 19.366, 265.567

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 7.276, 261.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.366, 265.567 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(169, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(169, 195, 228)  
}
```

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(169, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 195, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.366, 265.567 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(169, 195, 228) }
```

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

```
.border{ border-color:rgb(169, 195, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 195, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 195, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 195, 228);  
box-shadow:4px 4px 4px 4px rgb(169, 195,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.366, 265.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 195, 228) }
```

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

```
.background{ background-color: rgb(169,  
195, 228) }
```

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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