

Converting Colors

CIELCh(78, 26.306, 266.285)

Have a look what the booklet for
CIELCh(78, 26.306, 266.285)
contains.

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Color

CIELCh(78, 26.291, 266.189)

Conversions

Conversions Part 1

Format	Color
Hex	9FC4F1
RGB	159, 196, 241
RGB Percent	62%, 77%, 95%
CMY	0.3764, 0.2313, 0.0548
CMYK	0.34, 0.19, 0.00, 0.05
HSL	213°, 75%, 78%
HSV	213°, 34%, 95%
XYZ	49.9248, 53.2120, 90.8728
YIQ	190.0670, -36.4970, 6.1510

Conversions

Conversions Part 2

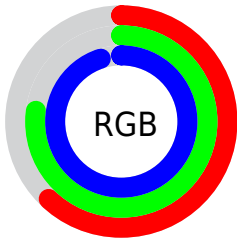
Format	Color
RYB	159, 184, 241
Decimal	10470641
CIELab	78.00, -1.75, -26.23
CIElCh	78, 26.291, 266.189
Yxy	53.2120, 0.2573, 0.2743
Android (android.graphics.Color)	4288660721 (0xFF9FC4F1)
YUV	190.0670, 25.1100, -27.2458
Hunter-Lab	72.9466, -5.4905, -22.7976

Details

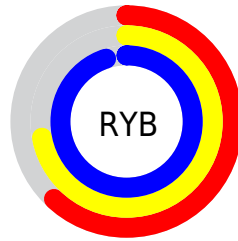
The CIELCh color **78, 26.291, 266.189** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 28.117, 76.058**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.754, 203.282**, and **58, 26.526, 267.037** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.936, 268.560**, and if you desaturate by 10%, it is **83, 18.598, 264.184**.

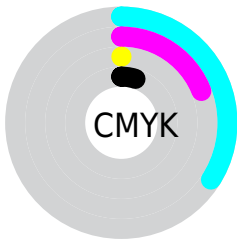
Distribution



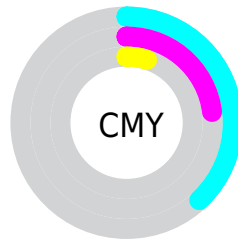
- Red (62%)
- Green (77%)
- Blue (95%)



- Red (62%)
- Yellow (72%)
- Blue (95%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 26.291, 266.189 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, 26.291, 266.189 by changing the saturation by 10% instead.

■ 78, 26.291,
266.189

■ 78, 26.291,
266.189

■ 100, 26.291,
266.189

■ 68, 26.291,
266.189

■ 98, 26.291,
266.189

■ 58, 26.291,
266.189

■ 48, 26.291,
266.189

■ 38, 26.291,
266.189

■ 28, 26.291,
266.189

■ 18, 26.291,
266.189

■ 8, 26.291, 266.189

0, 26.291, 266.189

78, 26.291,
266.189

78, 26.291,
266.189

73, 33.936,
268.560

83, 18.598,
264.184

68, 41.543,
271.355

88, 10.871,
262.500

64, 49.143,
274.608

93, 3.125, 261.145

98, 4.545, 81.389

59, 56.797,
278.314

100, 7.077,
109.638

55, 64.589,
282.405

51, 72.591,
286.720

■ 49, 77.495,
289.247

Harmonies

Complementary

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



78, 26.291, 266.189



84, 28.117, 76.058

Rectangle

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



78, 26.291, 266.189



78, 26.291, 316.189



78, 26.291, 86.189



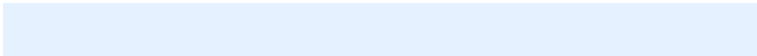
78, 26.291, 136.189

Sweetspot

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



78, 26.290, 266.187



95, 8.119, 261.910



89, 34.686, 162.159



50, 5.538, 262.113



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, 26.290, 266.187



78, 33.109, 267.831



69, 45.162, 295.600



47, 4.388, 261.832



37, 62.066, 288.472



9, 23.294, 281.216

Inverse Universe

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



75, 36.138, 349.840



74, 45.565, 350.801



93, 41.468, 108.363



47, 5.876, 347.150



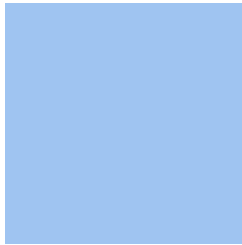
39, 65.963, 6.666



8, 29.068, 359.396

Previews

White Background



This preview shows how the CIELCh color 78, 26.291, 266.189 looks on a white background.

Color Contrast Check

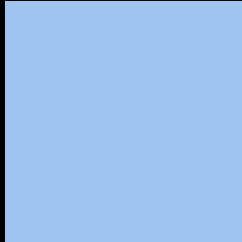
Large Text (above 18pt) WCAG AA × Fail

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, 26.291, 266.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

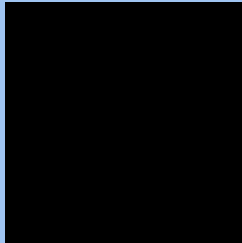
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

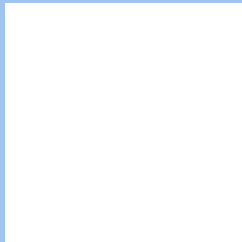
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 26.291, 266.189

Background



This preview shows how black text looks on a background with the CIELCh color 78, 26.291, 266.189.



This preview shows how white text looks on a background with the CIELCh color 78, 26.291, 266.189.

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

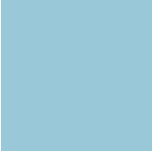
78, 26.291, 266.189

Protanopia

78, 25.299, 285.769

Deuteranopia

78, 28.954, 290.204



Tritanopia
78, 17.426, 228.086

Trichromacy



Original Color
78, 26.291, 266.189

Protanomaly
78, 25.208, 278.331

Deuteranomaly
78, 27.107, 281.661

Tritanomaly
78, 19.513, 244.501

Monochromacy



Original Color
78, 26.291, 266.189

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 10.088, 264.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 26.291, 266.189 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(159, 196, 241)` looks like.

```
.text, #text, p{  
    color:rgb(159, 196, 241)  
}
```

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(159, 196, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 196, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 26.291, 266.189 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(159, 196, 241) }
```

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

```
.border{ border-color:rgb(159, 196, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 196, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 196, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 196, 241);  
box-shadow:4px 4px 4px 4px rgb(159, 196,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 26.291, 266.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 196, 241) }
```

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

```
.background{ background-color: rgb(159,  
196, 241) }
```

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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