

Converting Colors

CIELCh(78, 27.631, 271.368)

Have a look what the booklet for
CIELCh(78, 27.631, 271.368)
contains.

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Color

CIELCh(78, 27.696, 271.335)

Conversions

Conversions Part 1

Format	Color
Hex	A3C3F4
RGB	163, 195, 244
RGB Percent	64%, 76%, 96%
CMY	0.3616, 0.2361, 0.0440
CMYK	0.33, 0.20, 0.00, 0.04
HSL	216°, 78%, 80%
HSV	216°, 33%, 96%
XYZ	50.8184, 53.2120, 92.9965
YIQ	191.0180, -34.8010, 8.4550

Conversions

Conversions Part 2

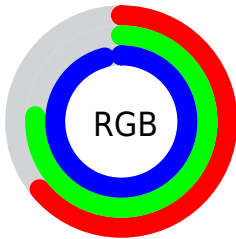
Format	Color
R _Y B	163, 186, 244
Decimal	10732532
CIE Lab	78.00, 0.65, -27.69
CIE LCh	78, 27.696, 271.335
Yxy	53.2120, 0.2579, 0.2701
Android (android.graphics.Color)	4288922612 (0xFFA3C3F4)
YUV	191.0180, 26.1201, -24.5718
Hunter-Lab	72.9466, -3.3039, -24.5237

Details

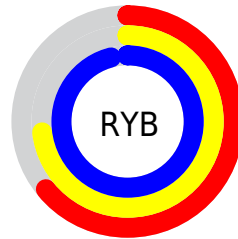
The CIELCh color **78, 27.696, 271.335** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86, 28.702, 81.457**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 10.600, 209.998**, and **58, 27.628, 271.132** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.150, 273.635**, and if you desaturate by 10%, it is **83, 19.296, 269.379**.

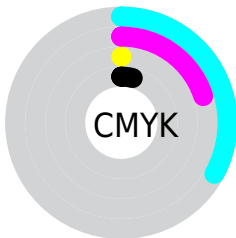
Distribution



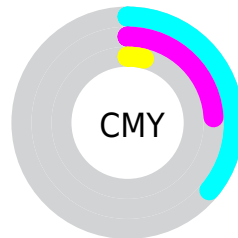
- Red (64%)
- Green (76%)
- Blue (96%)



- Red (64%)
- Yellow (73%)
- Blue (96%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)





- Cyan (36%)
- Magenta (24%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 27.696, 271.335 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, 27.696, 271.335 by changing the saturation by 10% instead.


 78, 27.696,
271.335


 78, 27.696,
271.335


 100, 27.696,
271.335


 68, 27.696,
271.335


 98, 27.696,
271.335

 58, 27.696,
271.335

 48, 27.696,
271.335

 38, 27.696,
271.335

 28, 27.696,
271.335

 18, 27.696,
271.335

 8, 27.696, 271.335

0, 27.696, 271.335

78, 27.696,
271.335

78, 27.696,
271.335

73, 36.150,
273.635

83, 19.296,
269.379

67, 44.680,
276.328

89, 10.951,
267.725

62, 53.322,
279.441

94, 2.666, 266.397

57, 62.131,
282.962

99, 5.074, 104.813

53, 71.165,
286.813

100, 5.683,
109.740

48, 80.424,
290.828

■ 46, 86.785,
293.468

Harmonies

Complementary

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



78, 27.696, 271.335



86, 28.702, 81.457

Rectangle

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



78, 27.696, 271.335



78, 27.696, 321.335



78, 27.696, 91.335



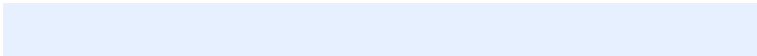
78, 27.696, 141.335

Sweetspot

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



78, 27.695, 271.334



94, 8.581, 267.255



90, 32.458, 166.087



50, 5.857, 267.458



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, 27.695, 271.334



77, 34.662, 272.875



70, 44.499, 297.604



48, 4.717, 267.180



35, 69.625, 292.777



8, 26.646, 286.446

Inverse Universe

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



76, 34.597, 353.289



75, 43.292, 354.283



94, 41.019, 111.380



48, 5.774, 350.534



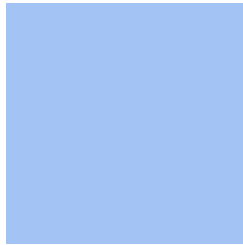
39, 67.012, 12.172



9, 29.655, 4.378

Previews

White Background



This preview shows how the CIELCh color 78, 27.696, 271.335 looks on a white background.

Color Contrast Check

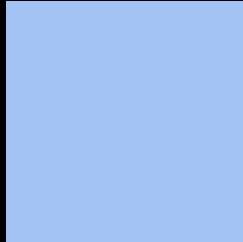
Large Text (above 18pt) WCAG AA × Fail

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, 27.696, 271.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

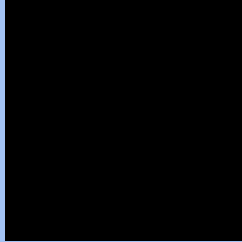
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

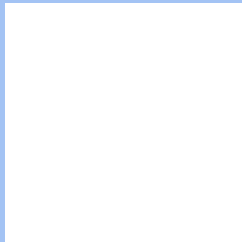
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 27.696, 271.335

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.696, 271.335.



This preview shows how white text looks on a background with the CIELCh color 78, 27.696, 271.335.

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

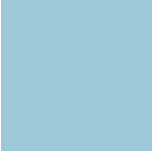
78, 27.696, 271.335

Protanopia

78, 27.446, 285.870

Deuteranopia

78, 30.028, 289.790



Tritanopia
78, 16.644, 229.673

Trichromacy



Original Color
78, 27.696, 271.335

Protanomaly
78, 27.212, 280.368

Deuteranomaly
78, 29.178, 283.353

Tritanomaly
78, 19.444, 249.601

Monochromacy



Original Color
78, 27.696, 271.335

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 10.307, 269.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.696, 271.335 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(163, 195, 244)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 244)  
}
```

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(163, 195, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.696, 271.335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

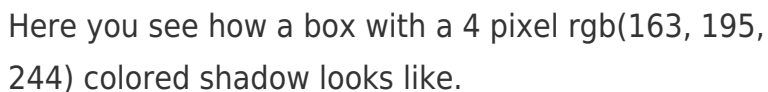
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 195, 244) }
```

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

```
.border{ border-color:rgb(163, 195, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 195, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 195, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 195, 244); box-shadow:4px 4px 4px 4px rgb(163, 195, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.696, 271.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 244) }
```

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

```
.background{ background-color: rgb(163,  
195, 244) }
```

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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