

Converting Colors

CIELCh(78, 22.478, 274.245)

Have a look what the booklet for
CIELCh(78, 22.478, 274.245)
contains.

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Color

CIELCh(78, 22.353, 273.418)

Conversions

Conversions Part 1

Format	Color
Hex	ACC2EA
RGB	172, 194, 234
RGB Percent	67%, 76%, 92%
CMY	0.3260, 0.2397, 0.0829
CMYK	0.27, 0.17, 0.00, 0.08
HSL	219°, 59%, 80%
HSV	219°, 27%, 92%
XYZ	51.0771, 53.2120, 85.3153
YIQ	191.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

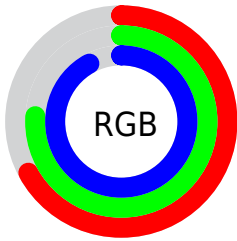
Format	Color
R_{YB}	172, 188, 234
Decimal	11322090
CIE _{Lab}	78.00, 1.33, -22.31
CIE _{LCh}	78, 22.353, 273.418
Yxy	53.2120, 0.2694, 0.2806
Android (android.graphics.Color)	4289512170 (0xFFACC2EA)
YUV	191.9820, 20.7149, -17.5242
Hunter-Lab	72.9466, -2.6709, -18.2806

Details

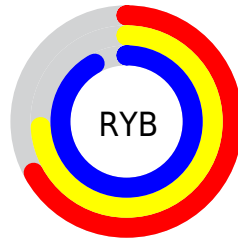
The CIELCh color **78, 22.353, 273.418** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **86, 22.651, 85.917**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 7.853, 218.094**, and **58, 22.077, 272.331** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.986, 275.434**, and if you desaturate by 10%, it is **84, 13.832, 271.699**.

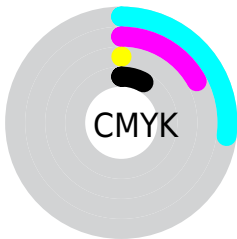
Distribution



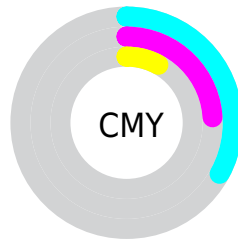
- Red (67%)
- Green (76%)
- Blue (92%)



- Red (67%)
- Yellow (74%)
- Blue (92%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)





- Cyan (33%)
- Magenta (24%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.353, 273.418 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, 22.353, 273.418 by changing the saturation by 10% instead.

 78, 22.353,
273.418

 78, 22.353,
273.418


 100, 22.353,
273.418

 68, 22.353,
273.418


 98, 22.353,
273.418

 58, 22.353,
273.418

 48, 22.353,
273.418

 38, 22.353,
273.418

 28, 22.353,
273.418

 18, 22.353,
273.418

 8, 22.353, 273.418

■ 0, 22.353, 273.418

■ 78, 22.353,
273.418

■ 78, 22.353,
273.418

■ 73, 30.986,
275.434

■ 84, 13.832,
271.699

■ 67, 39.749,
277.798

■ 89, 5.423, 270.258

■ 62, 48.670,
280.545

■ 95, 2.875, 88.840

■ 57, 57.791,
283.686

■ 99, 10.310,
107.825

■ 52, 67.156,
287.182

■ 100, 10.700,
109.368

■ 47, 76.764,
290.919

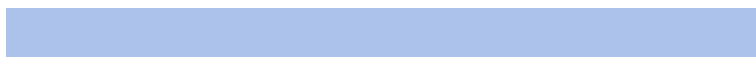
■ 43, 86.497,
294.694

■ 41, 89.889,
295.925

Harmonies

Complementary

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



78, 22.353, 273.418



86, 22.651, 85.917

Rectangle

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



78, 22.353, 273.418



78, 22.353, 323.418



78, 22.353, 93.418



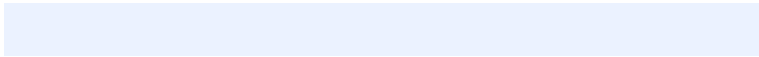
78, 22.353, 143.418

Sweetspot

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



78, 22.352, 273.416



95, 7.155, 270.459



88, 24.635, 168.930



50, 5.089, 270.665



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, 22.352, 273.416



81, 29.050, 274.515



73, 33.902, 297.876



46, 4.752, 270.654



32, 72.926, 295.295



7, 26.098, 287.868

Inverse Universe

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



77, 26.024, 355.050



79, 33.898, 355.804



91, 31.880, 113.358



46, 5.446, 353.103



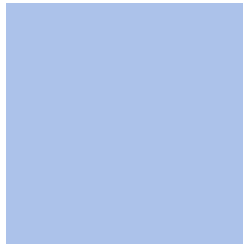
38, 66.302, 15.921



7, 27.840, 5.969

Previews

White Background



This preview shows how the CIELCh color 78, 22.353, 273.418 looks on a white background.

Color Contrast Check

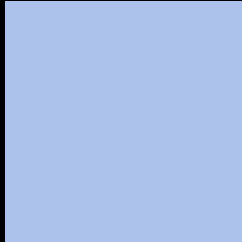
Large Text (above 18pt) WCAG AA × Fail

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, 22.353, 273.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

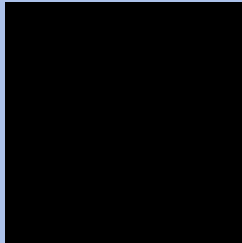
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

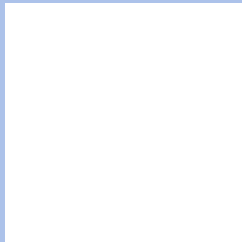
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.353, 273.418

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.353, 273.418.



This preview shows how white text looks on a background with the CIELCh color 78, 22.353, 273.418.

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

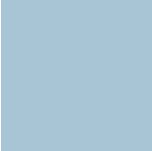
78, 22.353, 273.418

Protanopia

78, 22.038, 286.093

Deuteranopia

78, 25.252, 293.955



Tritanopia
78, 12.868, 240.827

Trichromacy



Original Color
78, 22.353, 273.418

Protanomaly
78, 22.209, 281.883

Deuteranomaly
78, 24.184, 286.879

Tritanomaly
78, 15.899, 256.758

Monochromacy



Original Color
78, 22.353, 273.418

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.961, 270.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.353, 273.418 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(172, 194, 234)` looks like.

```
.text, #text, p{  
    color:rgb(172, 194, 234)  
}
```

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(172, 194, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 194, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.353, 273.418 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(172, 194, 234) }
```

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

```
.border{ border-color:rgb(172, 194, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 194, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 194, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 194, 234);  
box-shadow:4px 4px 4px 4px rgb(172, 194,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.353, 273.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 194, 234) }
```

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

```
.background{ background-color: rgb(172,  
194, 234) }
```

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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