

Converting Colors

CIELCh(78, 23.094, 264.756)

Have a look what the booklet for
CIELCh(78, 23.094, 264.756)
contains.

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Color

CIELCh(78, 23.029, 264.742)

Conversions

Conversions Part 1

Format	Color
Hex	A3C4EB
RGB	163, 196, 235
RGB Percent	64%, 77%, 92%
CMY	0.3611, 0.2317, 0.0788
CMYK	0.31, 0.17, 0.00, 0.08
HSL	212°, 64%, 78%
HSV	212°, 31%, 92%
XYZ	49.7902, 53.2120, 86.1773
YIQ	190.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

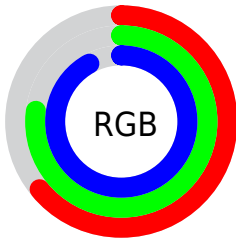
Format	Color
RYB	163, 186, 235
Decimal	10732779
CIELab	78.00, -2.11, -22.93
CIELCh	78, 23.029, 264.742
Yxy	53.2120, 0.2632, 0.2813
Android (android.graphics.Color)	4288922859 (0xFFA3C4EB)
YUV	190.5790, 21.8996, -24.1868
Hunter-Lab	72.9466, -5.8200, -18.9812

Details

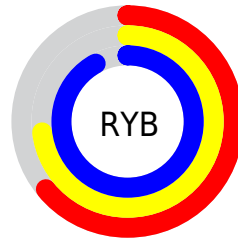
The CIELCh color **78, 23.029, 264.742** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83, 24.537, 75.814**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 11.472, 203.881**, and **58, 23.146, 265.096** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.450, 266.979**, and if you desaturate by 10%, it is **83, 15.551, 262.854**.

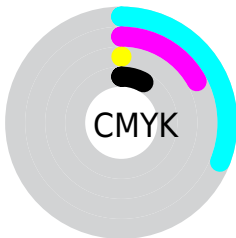
Distribution



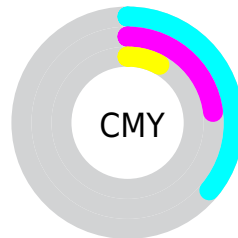
- Red (64%)
- Green (77%)
- Blue (92%)



- Red (64%)
- Yellow (73%)
- Blue (92%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.029, 264.742 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, 23.029, 264.742 by changing the saturation by 10% instead.

■ 78, 23.029,
264.742

■ 78, 23.029,
264.742

■ 100, 23.029,
264.742

■ 68, 23.029,
264.742

■ 98, 23.029,
264.742

■ 58, 23.029,
264.742

■ 48, 23.029,
264.742

■ 38, 23.029,
264.742

■ 28, 23.029,
264.742

■ 18, 23.029,
264.742

■ 8, 23.029, 264.742

0, 23.029, 264.742

78, 23.029,
264.742

78, 23.029,
264.742

73, 30.450,
266.979

83, 15.551,
262.854

68, 37.815,
269.624

88, 8.034, 261.275

64, 45.143,
272.722

93, 0.497, 260.628

97, 6.716, 83.666

59, 52.483,
276.286

100, 10.168,
109.408

55, 59.915,
280.274

51, 67.523,
284.563

■ 48, 74.854,
288.588

Harmonies

Complementary

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



78, 23.029, 264.742



83, 24.537, 75.814

Rectangle

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



78, 23.029, 264.742



78, 23.029, 314.742



78, 23.029, 84.742



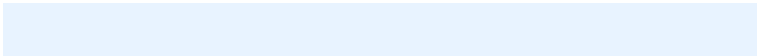
78, 23.029, 134.742

Sweetspot

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



78, 23.028, 264.740



95, 7.261, 261.049



88, 30.716, 162.554



50, 5.044, 261.254



0, 0.000, 0.000



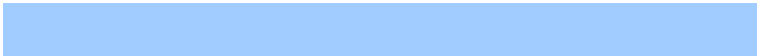
53, 0.007, 296.813

Same Dimension

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



78, 23.028, 264.740



81, 29.657, 266.156



70, 39.554, 295.080



47, 4.283, 261.108



37, 60.525, 287.823



8, 22.133, 280.056

Inverse Universe

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



75, 31.972, 348.981



77, 41.308, 349.804



91, 36.689, 108.673



46, 5.799, 346.734



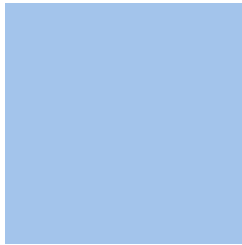
39, 65.287, 5.922



8, 28.266, 358.442

Previews

White Background



This preview shows how the CIELCh color 78, 23.029, 264.742 looks on a white background.

Color Contrast Check

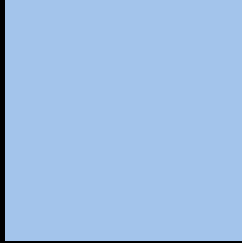
Large Text (above 18pt) WCAG AA × Fail

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, 23.029, 264.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

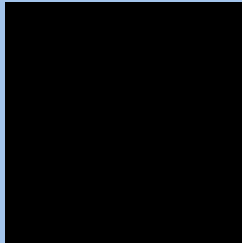
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

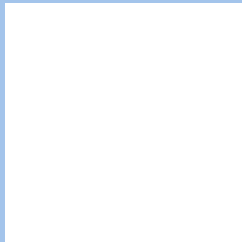
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 23.029, 264.742

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.029, 264.742.



This preview shows how white text looks on a background with the CIELCh color 78, 23.029, 264.742.

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, 23.029, 264.742

Protanopia

78, 21.507, 285.881

Deuteranopia

78, 25.775, 293.231

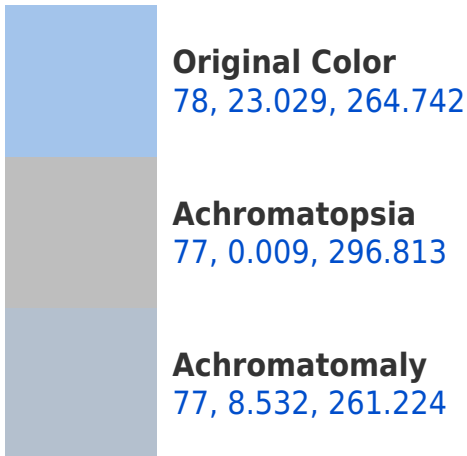


Tritanopia
78, 15.615, 232.075

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.029, 264.742 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, 196, 235)` looks like.

```
.text, #text, p{  
    color:rgb(163, 196, 235)  
}
```

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, 196, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 196, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.029, 264.742 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, 196, 235) }
```

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

```
.border{ border-color:rgb(163, 196, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 196, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 196, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 196, 235);  
box-shadow:4px 4px 4px 4px rgb(163, 196,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.029, 264.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 196, 235) }
```

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

```
.background{ background-color: rgb(163,  
196, 235) }
```

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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