

Converting Colors

CIELCh(78, 22.676, 262.539)

Have a look what the booklet for
CIELCh(78, 22.676, 262.539)
contains.

CIELCh(78, 22.700, 263.326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 22.700, 263.326)

Conversions

Conversions Part 1

Format	Color
Hex	A2C4EA
RGB	162, 196, 234
RGB Percent	64%, 77%, 92%
CMY	0.3640, 0.2307, 0.0816
CMYK	0.31, 0.16, 0.00, 0.08
HSL	212°, 63%, 78%
HSV	212°, 31%, 92%
XYZ	49.5949, 53.2120, 85.6391
YIQ	190.1660, -32.4620, 4.6100

Conversions

Conversions Part 2

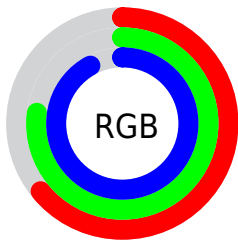
Format	Color
R_{YB}	162, 185, 234
Decimal	10667242
CIE _{Lab}	78.00, -2.64, -22.55
CIE _{LCh}	78, 22.700, 263.326
Yxy	53.2120, 0.2632, 0.2824
Android (android.graphics.Color)	4288857322 (0xFFA2C4EA)
YUV	190.1660, 21.6102, -24.7016
Hunter-Lab	72.9466, -6.2980, -18.5437

Details

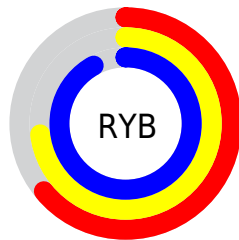
The CIELCh color $78, 22.700, 263.326$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $83, 24.367, 74.418$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 11.794, 203.720$, and $58, 22.790, 263.619$ is the 20% darker color. If you saturate the color by 10%, you get $73, 29.945, 265.567$, and if you desaturate by 10%, it is $83, 15.374, 261.437$.

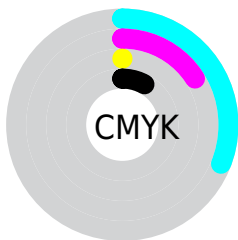
Distribution



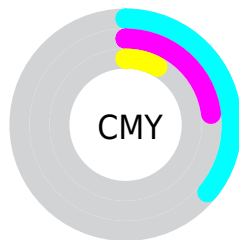
- Red (64%)
- Green (77%)
- Blue (92%)



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



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.700, 263.326 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, 22.700, 263.326 by changing the saturation by 10% instead.

■ 78, 22.700,
263.326

■ 78, 22.700,
263.326

■ 100, 22.700,
263.326

■ 68, 22.700,
263.326

■ 98, 22.700,
263.326

■ 58, 22.700,
263.326

■ 48, 22.700,
263.326

■ 38, 22.700,
263.326

■ 28, 22.700,
263.326

■ 18, 22.700,
263.326

■ 8, 22.700, 263.326

0, 22.700, 263.326

78, 22.700,
263.326

78, 22.700,
263.326

73, 29.945,
265.567

83, 15.374,
261.437

69, 37.106,
268.224

88, 7.988, 259.862

64, 44.201,
271.342

92, 0.564, 259.149

97, 6.714, 79.492

60, 51.277,
274.938

100, 10.535,
109.380

56, 58.415,
278.974

52, 65.709,
283.328

■ 49, 72.671,
287.385

Harmonies

Complementary

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



78, 22.700, 263.326



83, 24.367, 74.418

Rectangle

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



78, 22.700, 263.326



78, 22.700, 313.326



78, 22.700, 83.326



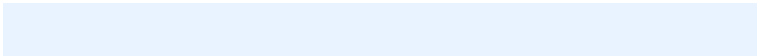
78, 22.700, 133.326

Sweetspot

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



78, 22.699, 263.324



95, 7.172, 259.624



87, 31.143, 161.642



50, 4.981, 259.828



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, 22.699, 263.324



81, 29.184, 264.720



69, 39.583, 294.554



47, 4.230, 259.683



38, 58.920, 286.612



9, 21.606, 278.706

Inverse Universe

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



74, 32.249, 348.165



77, 41.617, 348.960



91, 36.702, 107.929



46, 5.851, 345.944



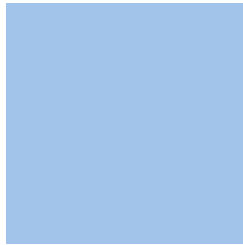
39, 65.329, 4.587



8, 28.368, 357.355

Previews

White Background



This preview shows how the CIELCh color 78, 22.700, 263.326 looks on a white background.

Color Contrast Check

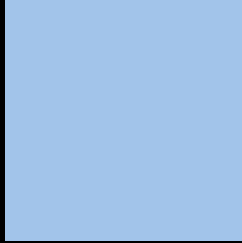
Large Text (above 18pt) WCAG AA × Fail

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, 22.700, 263.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

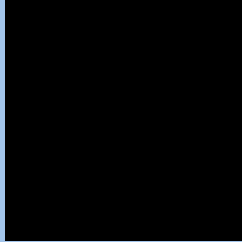
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

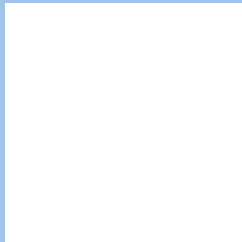
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.700, 263.326

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.700, 263.326.



This preview shows how white text looks on a background with the CIELCh color 78, 22.700, 263.326.

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



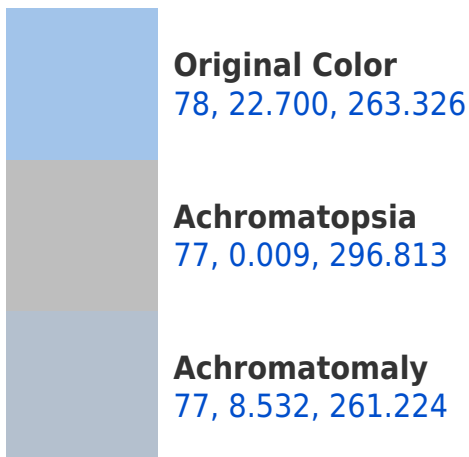


Tritanopia
78, 15.873, 231.446

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.700, 263.326 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(162, 196, 234)` looks like.

```
.text, #text, p{  
    color:rgb(162, 196, 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(162, 196, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 196, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.700, 263.326 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(162, 196, 234) }
```

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

```
.border{ border-color:rgb(162, 196, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 196, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 196, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 196, 234);  
box-shadow:4px 4px 4px 4px rgb(162, 196,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.700, 263.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 196, 234) }
```

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

```
.background{ background-color: rgb(162,  
196, 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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