

Converting Colors

CIELCh(78, 24.151, 280.785)

Have a look what the booklet for
CIELCh(78, 24.151, 280.785)
contains.

CIELCh(78, 24.451, 280.833)	3
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Color

CIELCh(78, 24.451, 280.833)

Conversions

Conversions Part 1

Format	Color
Hex	B1C0ED
RGB	177, 192, 237
RGB Percent	69%, 75%, 93%
CMY	0.3055, 0.2467, 0.0702
CMYK	0.25, 0.19, 0.00, 0.07
HSL	225°, 63%, 81%
HSV	225°, 25%, 93%
XYZ	52.3169, 53.2120, 87.6998
YIQ	192.6450, -23.3850, 10.8150

Conversions

Conversions Part 2

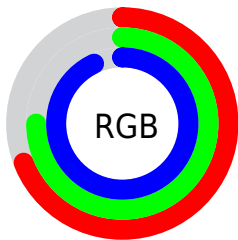
Format	Color
RYB	177, 189, 237
Decimal	11649261
CIELab	78.00, 4.60, -24.02
CIELCh	78, 24.451, 280.833
Yxy	53.2120, 0.2708, 0.2754
Android (android.graphics.Color)	4289839341 (0xFFB1C0ED)
YUV	192.6450, 21.8670, -13.7207
Hunter-Lab	72.9466, 0.3629, -20.2187

Details

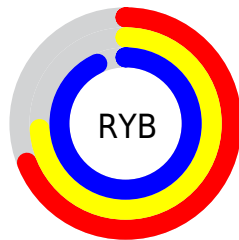
The CIELCh color **78, 24.451, 280.833** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89, 24.027, 94.144**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 6.195, 234.624**, and **58, 24.274, 280.251** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.565, 282.689**, and if you desaturate by 10%, it is **84, 14.604, 279.247**.

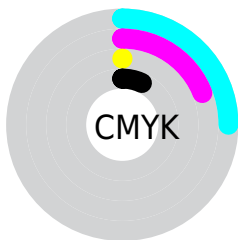
Distribution



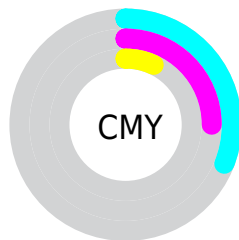
- Red (69%)
- Green (75%)
- Blue (93%)



- Red (69%)
- Yellow (74%)
- Blue (93%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (31%)
- Magenta (25%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 24.451, 280.833 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, 24.451, 280.833 by changing the saturation by 10% instead.


 78, 24.451,
280.833

 78, 24.451,
280.833


 100, 24.451,
280.833


 68, 24.451,
280.833


 98, 24.451,
280.833

 58, 24.451,
280.833

 48, 24.451,
280.833

 38, 24.451,
280.833

 28, 24.451,
280.833

 18, 24.451,
280.833

 8, 24.451, 280.833

■ 0, 24.451, 280.833

■ 78, 24.451,
280.833

■ 78, 24.451,
280.833

■ 72, 34.565,
282.689

■ 84, 14.604,
279.247

■ 66, 44.979,
284.858

■ 90, 5.008, 277.914

■ 59, 55.728,
287.365

■ 97, 4.355, 96.654

■ 54, 66.835,
290.209

■ 100, 9.068,
109.490

■ 48, 78.265,
293.330

■ 43, 89.827,
296.588

■ 38,101.032,
299.748

■ 37,105.961,
301.078

Harmonies

Complementary

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



78, 24.451, 280.833



89, 24.027, 94.144

Rectangle

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



78, 24.451, 280.833



78, 24.451, 330.833



78, 24.451, 100.833



78, 24.451, 150.833

Sweetspot

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



78, 24.450, 280.831



95, 8.029, 278.250



90, 21.991, 177.098



50, 5.715, 278.446



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, 24.450, 280.831



80, 30.940, 281.688



75, 32.918, 301.763



46, 5.337, 278.436



27, 85.172, 300.562



5, 29.475, 292.212

Inverse Universe

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



78, 24.039, 2.251



80, 30.495, 2.923



91, 31.213, 118.309



46, 5.169, 0.362



38, 69.605, 25.381



7, 27.831, 12.082

Previews

White Background



This preview shows how the CIELCh color 78, 24.451, 280.833 looks on a white background.

Color Contrast Check

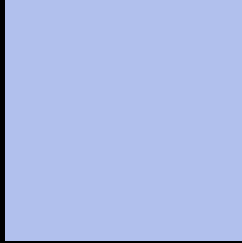
Large Text (above 18pt) WCAG AA × Fail

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, 24.451, 280.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

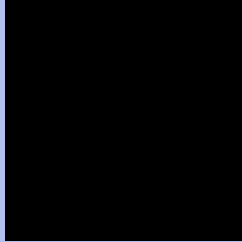
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.451, 280.833

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.451, 280.833.



This preview shows how white text looks on a background with the CIELCh color 78, 24.451, 280.833.

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, 24.451, 280.833

Protanopia

78, 24.216, 285.334

Deuteranopia

78, 26.275, 291.816



Tritanopia
78, 11.712, 246.242

Trichromacy



Original Color
78, 24.451, 280.833

Protanomaly
78, 24.287, 283.820

Deuteranomaly
78, 25.758, 288.112

Tritanomaly
78, 15.423, 264.116

Monochromacy



Original Color
78, 24.451, 280.833

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.786, 277.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.451, 280.833 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(177, 192, 237)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 237)  
}
```

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(177, 192, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.451, 280.833 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(177, 192, 237) }
```

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

```
.border{ border-color:rgb(177, 192, 237) }
```

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

Here you see how a box with a 4 pixel rgb(177, 192, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 237);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.451, 280.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 237) }
```

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

```
.background{ background-color: rgb(177,  
192, 237) }
```

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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