

Converting Colors

CIELCh(78, 24.080, 280.339)

Have a look what the booklet for
CIELCh(78, 24.080, 280.339)
contains.

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Color

CIELCh(78, 23.931, 280.503)

Conversions

Conversions Part 1

Format	Color
Hex	B1C0EC
RGB	177, 192, 236
RGB Percent	69%, 75%, 93%
CMY	0.3052, 0.2463, 0.0738
CMYK	0.25, 0.19, 0.00, 0.07
HSL	225°, 61%, 81%
HSV	225°, 25%, 93%
XYZ	52.2277, 53.2120, 87.0156
YIQ	192.5310, -23.0640, 10.5040

Conversions

Conversions Part 2

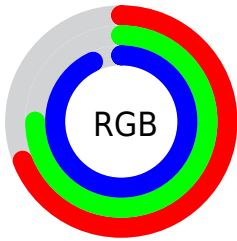
Format	Color
RYB	177, 189, 236
Decimal	11649260
CIELab	78.00, 4.36, -23.53
CIELCh	78, 23.931, 280.503
Yxy	53.2120, 0.2714, 0.2765
Android (android.graphics.Color)	4289839340 (0xFFB1C0EC)
YUV	192.5310, 21.4302, -13.6207
Hunter-Lab	72.9466, 0.1445, -19.6625

Details

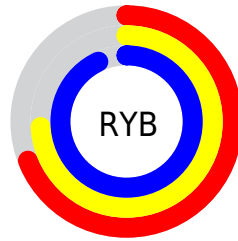
The CIELCh color `78, 23.931, 280.503` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `88, 23.547, 93.892`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 6.195, 234.624`, and `58, 23.727, 279.848` is the 20% darker color. If you saturate the color by 10%, you get `72, 33.946, 282.354`, and if you desaturate by 10%, it is `84, 14.176, 278.921`.

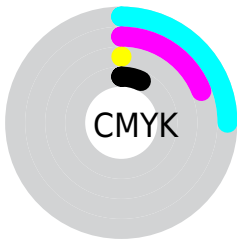
Distribution



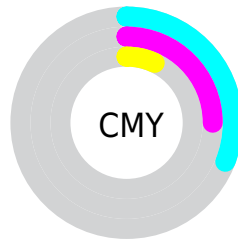
- Red (69%)
- Green (75%)
- Blue (93%)



- 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, 23.931, 280.503 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, 23.931, 280.503 by changing the saturation by 10% instead.

■ 78, 23.931,
280.503

■ 78, 23.931,
280.503

■ 100, 23.931,
280.503

■ 68, 23.931,
280.503

■ 98, 23.931,
280.503

■ 58, 23.931,
280.503

■ 48, 23.931,
280.503

■ 38, 23.931,
280.503

■ 28, 23.931,
280.503

■ 18, 23.931,
280.503

■ 8, 23.931, 280.503

■ 0, 23.931, 280.503

■ 78, 23.931,
280.503

■ 78, 23.931,
280.503

■ 72, 33.946,
282.354

■ 84, 14.176,
278.921

■ 66, 44.253,
284.518

■ 90, 4.664, 277.595

■ 60, 54.885,
287.021

■ 97, 4.620, 96.336

■ 54, 65.869,
289.863

■ 100, 9.524,
109.456

■ 48, 77.178,
292.990

■ 43, 88.641,
296.265

■ 39, 99.802,
299.460

■ 37, 105.070,
300.903

Harmonies

Complementary

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



78, 23.931, 280.503



88, 23.547, 93.892

Rectangle

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



78, 23.931, 280.503



78, 23.931, 330.503



78, 23.931, 100.503



78, 23.931, 150.503

Sweetspot

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



78, 23.930, 280.501



95, 6.985, 277.842



89, 21.885, 175.909



50, 4.541, 277.919



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, 23.930, 280.501



80, 30.780, 281.417



75, 32.329, 301.159



46, 5.312, 278.155



28, 84.707, 300.388



5, 29.353, 292.078

Inverse Universe

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



78, 23.675, 1.898



80, 30.534, 2.614



91, 30.650, 117.648



46, 5.178, 0.055



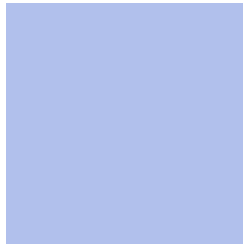
38, 69.434, 25.026



7, 27.826, 11.866

Previews

White Background



This preview shows how the CIELCh color 78, 23.931, 280.503 looks on a white background.

Color Contrast Check

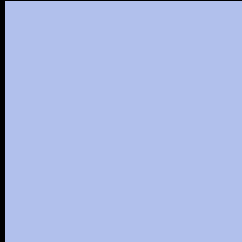
Large Text (above 18pt) WCAG AA × Fail

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, 23.931, 280.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

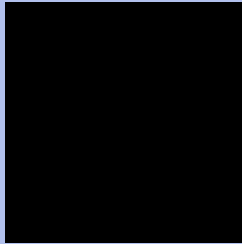
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.931, 280.503

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.931, 280.503.



This preview shows how white text looks on a background with the CIELCh color 78, 23.931, 280.503.

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, 23.931, 280.503

Protanopia

78, 23.657, 285.896

Deuteranopia

78, 25.744, 292.486



Tritanopia
78, 11.712, 246.242

Trichromacy



Original Color
78, 23.931, 280.503

Protanomaly
78, 23.722, 284.335

Deuteranomaly
78, 25.210, 288.700

Tritanomaly
78, 15.423, 264.116

Monochromacy



Original Color
78, 23.931, 280.503

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, 23.931, 280.503 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.931, 280.503 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, 236) }
```

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

```
.border{ border-color:rgb(177, 192, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 192, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 192, 236); box-shadow:4px 4px 4px 4px rgb(177, 192, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.931, 280.503 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, 236) }
```

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

```
.background{ background-color: rgb(177,  
192, 236) }
```

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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