

Converting Colors

CIELCh(78, 23.639, 282.290)

Have a look what the booklet for
CIELCh(78, 23.639, 282.290)
contains.

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Color

CIELCh(78, 23.304, 281.709)

Conversions

Conversions Part 1

Format	Color
Hex	B3C0EB
RGB	179, 192, 235
RGB Percent	70%, 75%, 92%
CMY	0.2985, 0.2475, 0.0789
CMYK	0.24, 0.18, 0.00, 0.08
HSL	226°, 58%, 81%
HSV	226°, 24%, 92%
XYZ	52.3682, 53.2120, 86.0194
YIQ	193.0150, -21.5510, 10.6170

Conversions

Conversions Part 2

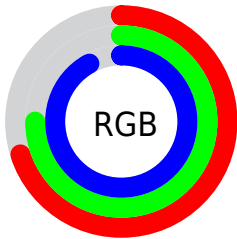
Format	Color
RYB	179, 190, 235
Decimal	11780331
CIELab	78.00, 4.73, -22.82
CIELCh	78, 23.304, 281.709
Yxy	53.2120, 0.2733, 0.2777
Android (android.graphics.Color)	4289970411 (0xFFB3C0EB)
YUV	193.0150, 20.6986, -12.2912
Hunter-Lab	72.9466, 0.4884, -18.8529

Details

The CIELCh color **78, 23.304, 281.709** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88, 22.836, 95.542**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 5.660, 238.606**, and **58, 23.062, 281.001** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.545, 283.499**, and if you desaturate by 10%, it is **84, 13.349, 280.180**.

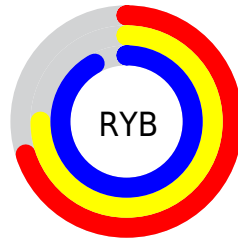
Distribution



Red (70%)

Green (75%)

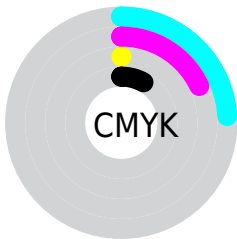
Blue (92%)



Red (70%)

Yellow (75%)

Blue (92%)

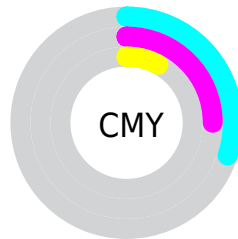


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (25%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.304, 281.709 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, 23.304, 281.709 by changing the saturation by 10% instead.

■ 78, 23.304,
281.709

■ 78, 23.304,
281.709

■ 100, 23.304,
281.709

■ 68, 23.304,
281.709

■ 98, 23.304,
281.709

■ 58, 23.304,
281.709

■ 48, 23.304,
281.709

■ 38, 23.304,
281.709

■ 28, 23.304,
281.709

■ 18, 23.304,
281.709

■ 8, 23.304, 281.709

■ 0, 23.304, 281.709

■ 78, 23.304,
281.709

■ 78, 23.304,
281.709

■ 72, 33.545,
283.499

■ 84, 13.349,
280.180

■ 65, 44.106,
285.592

■ 91, 3.662, 278.907

■ 59, 55.019,
288.014

■ 97, 5.776, 97.690

■ 53, 66.307,
290.767

■ 100, 10.183,
109.407

■ 48, 77.927,
293.796

■ 42, 89.676,
296.966

■ 38,101.034,
300.047

■ 35,107.481,
301.738

Harmonies

Complementary

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



78, 23.304, 281.709



88, 22.836, 95.542

Rectangle

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



78, 23.304, 281.709



78, 23.304, 331.709



78, 23.304, 101.709



78, 23.304, 151.709

Sweetspot

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



78, 23.303, 281.707



95, 7.158, 279.279



89, 20.405, 178.502



50, 4.654, 279.355



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, 23.303, 281.707



80, 30.524, 282.620



76, 30.738, 302.215



46, 5.445, 279.588



27, 87.096, 301.264



5, 29.973, 292.749

Inverse Universe

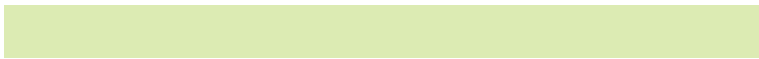
The Inverse Universe completely reimagines the original color for something new.



78, 22.279, 3.363



81, 29.279, 4.089



91, 29.272, 119.078



46, 5.131, 1.668



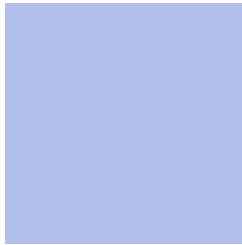
38, 70.353, 26.849



7, 27.854, 12.963

Previews

White Background



This preview shows how the CIELCh color 78, 23.304, 281.709 looks on a white background.

Color Contrast Check

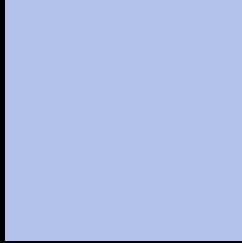
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 23.304, 281.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

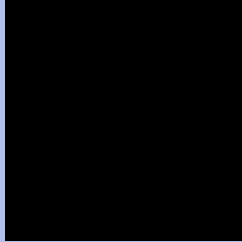
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.304, 281.709

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.304, 281.709.



This preview shows how white text looks on a background with the CIELCh color 78, 23.304, 281.709.

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, 23.304, 281.709

Protanopia

78, 23.127, 285.686

Deuteranopia

78, 25.216, 293.192



Tritanopia
78, 11.272, 248.731

Trichromacy



Original Color
78, 23.304, 281.709

Protanomaly
78, 23.159, 284.884

Deuteranomaly
78, 24.664, 289.323

Tritanomaly
78, 14.680, 265.372

Monochromacy



Original Color
78, 23.304, 281.709

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.193, 278.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.304, 281.709 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(179, 192, 235)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 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(179, 192, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.304, 281.709 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(179, 192, 235) }
```

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

```
.border{ border-color:rgb(179, 192, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 192, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 192, 235); box-shadow:4px 4px 4px 4px rgb(179, 192, 235) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.304, 281.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 235) }
```

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

```
.background{ background-color: rgb(179,  
192, 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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