

Converting Colors

CIELCh(78, 23.176, 296.424)

Have a look what the booklet for
CIELCh(78, 23.176, 296.424)
contains.

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Color

CIELCh(78, 23.176, 296.424)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCE7
RGB	193, 188, 231
RGB Percent	76%, 74%, 91%
CMY	0.2422, 0.2619, 0.0932
CMYK	0.16, 0.19, 0.00, 0.09
HSL	247°, 48%, 82%
HSV	247°, 19%, 91%
XYZ	54.5378, 53.2120, 83.1701
YIQ	194.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

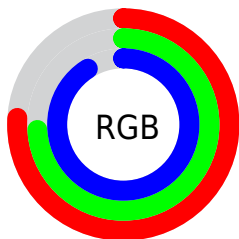
Format	Color
R _{YB}	193, 188, 231
Decimal	12696807
CIE Lab	78.00, 10.31, -20.75
CIE LCh	78, 23.176, 296.424
Yxy	53.2120, 0.2857, 0.2787
Android (android.graphics.Color)	4290886887 (0xFFC1BCE7)
YUV	194.3970, 18.0453, -1.2252
Hunter-Lab	72.9466, 5.7973, -16.5370

Details

The CIELCh color `78, 23.176, 296.424` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `90, 22.219, 113.266`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.036, 310.798`, and `58, 22.867, 296.264` is the 20% darker color. If you saturate the color by 10%, you get `71, 36.366, 297.541`, and if you desaturate by 10%, it is `85, 10.506, 295.462`.

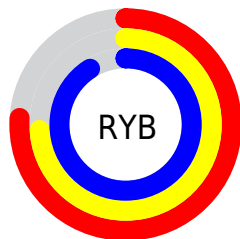
Distribution



Red (76%)

Green (74%)

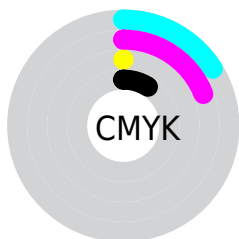
Blue (91%)



Red (76%)

Yellow (74%)

Blue (91%)

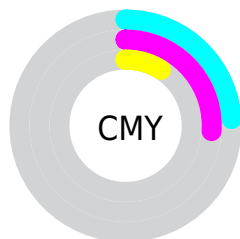


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (26%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.176, 296.424 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, 23.176, 296.424 by changing the saturation by 10% instead.

 78, 23.176,
296.424

 78, 23.176,
296.424

 100, 23.176,
296.424


 68, 23.176,
296.424

 98, 23.176,
296.424

 58, 23.176,
296.424

 48, 23.176,
296.424

 38, 23.176,
296.424

 28, 23.176,
296.424

 18, 23.176,
296.424

 8, 23.176, 296.424

■ 0, 23.176, 296.424

■ 78, 23.176,
296.424

■ 78, 23.176,
296.424

■ 71, 36.366,
297.541

■ 85, 10.506,
295.462

■ 63, 50.089,
298.829

■ 93, 1.667, 114.623

■ 56, 64.297,
300.285

■ 99, 12.032,
110.073

■ 49, 78.811,
301.875

■ 99, 12.029,
109.268

■ 42, 93.163,
303.506

■ 37, 106.366,
304.998

■ 32, 116.780,
306.085

■ 30, 122.897,
306.571

■ 29, 123.578,
306.633

Harmonies

Complementary

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



78, 23.176, 296.424



90, 22.219, 113.266

Rectangle

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



78, 23.176, 296.424



78, 23.176, 346.424



78, 23.176, 116.424



78, 23.176, 166.424

Sweetspot

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



78, 23.174, 296.422



95, 7.899, 295.239



88, 13.231, 208.405



50, 5.246, 295.295



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, 23.174, 296.422



82, 29.888, 296.797



80, 24.758, 313.283



44, 6.908, 295.538



22, 101.703, 306.706



3, 33.904, 299.553

Inverse Universe

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



81, 25.370, 328.857



86, 32.507, 329.071



89, 24.274, 131.669



45, 7.668, 328.300



41, 80.742, 333.463



8, 34.359, 332.568

Previews

White Background



This preview shows how the CIELCh color 78, 23.176, 296.424 looks on a white background.

Color Contrast Check

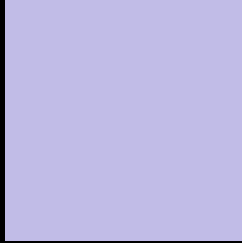
Large Text (above 18pt) WCAG AA × Fail

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, 23.176, 296.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

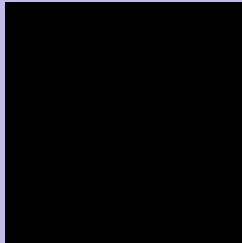
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.176, 296.424

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.176, 296.424.



This preview shows how white text looks on a background with the CIELCh color 78, 23.176, 296.424.

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

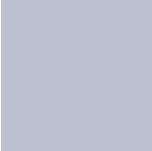
78, 23.176, 296.424

Protanopia

78, 22.569, 286.296

Deuteranopia

78, 23.176, 296.424



Tritanopia
78, 8.622, 283.888

Trichromacy



Original Color
78, 23.176, 296.424

Protanomaly
78, 22.520, 289.657

Deuteranomaly
78, 23.176, 296.424

Tritanomaly
78, 13.403, 291.397

Monochromacy



Original Color
78, 23.176, 296.424

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 8.044, 293.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.176, 296.424 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(193, 188, 231)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 231)  
}
```

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(193, 188, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.176, 296.424 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(193, 188, 231) }
```

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

```
.border{ border-color:rgb(193, 188, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 231);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.176, 296.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 231) }
```

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

```
.background{ background-color: rgb(193,  
188, 231) }
```

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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