

Converting Colors

CIELCh(76, 28.000, 295.984)

Have a look what the booklet for
CIELCh(76, 28.000, 295.984)
contains.

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Color

CIELCh(76, 28.139, 296.105)

Conversions

Conversions Part 1

Format	Color
Hex	BBB6EA
RGB	187, 182, 234
RGB Percent	73%, 71%, 92%
CMY	0.2672, 0.2867, 0.0829
CMYK	0.20, 0.22, 0.00, 0.08
HSL	246°, 55%, 82%
HSV	246°, 22%, 92%
XYZ	51.9979, 49.8872, 84.6328
YIQ	189.4230, -13.7120, 17.2320

Conversions

Conversions Part 2

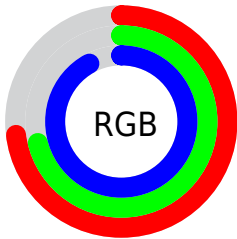
Format	Color
R _Y B	187, 182, 234
Decimal	12302058
CIE Lab	76.00, 12.38, -25.27
CIE LCh	76, 28.139, 296.105
Yxy	49.8872, 0.2788, 0.2675
Android (android.graphics.Color)	4290492138 (0xFFBBB6EA)
YUV	189.4230, 21.9765, -2.1250
Hunter-Lab	70.6309, 7.8063, -21.6021

Details

The CIELCh color `76, 28.139, 296.105` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 26.726, 112.120`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 9.018, 304.126`, and `56, 28.172, 296.186` is the 20% darker color. If you saturate the color by 10%, you get `68, 41.645, 297.336`, and if you desaturate by 10%, it is `84, 15.171, 295.046`.

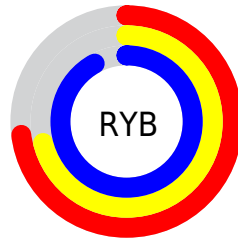
Distribution



Red (73%)

Green (71%)

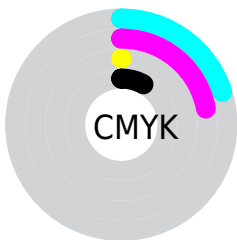
Blue (92%)



Red (73%)

Yellow (71%)

Blue (92%)

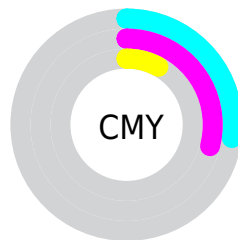


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (8%)



Cyan (27%)


Magenta (29%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 28.139, 296.105 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 76, 28.139, 296.105 by changing the saturation by 10% instead.


 76, 28.139,
296.105


 76, 28.139,
296.105


 100, 28.139,
296.105


 66, 28.139,
296.105


 96, 28.139,
296.105

 56, 28.139,
296.105

 46, 28.139,
296.105

 36, 28.139,
296.105

 26, 28.139,
296.105

 16, 28.139,
296.105

 6, 28.139, 296.105

0, 28.139, 296.105

76, 28.139,
296.105

76, 28.139,
296.105

68, 41.645,
297.336

84, 15.171,
295.046

61, 55.694,
298.752

91, 2.721, 294.149

54, 70.206,
300.342

98, 9.247, 113.361

100, 10.695,
109.368

47, 84.924,
302.054

40, 99.209,
303.761

35, 111.788,
305.237

■ 31,120.792,
306.190

■ 30,124.818,
306.543

Harmonies

Complementary

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



76, 28.139, 296.105



91, 26.726, 112.120

Rectangle

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



76, 28.139, 296.105



76, 28.139, 346.105



76, 28.139, 116.105



76, 28.139, 166.105

Sweetspot

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



76, 28.137, 296.104



94, 9.222, 294.558



88, 15.998, 206.567



50, 5.999, 294.613



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 28.137, 296.104



78, 37.028, 296.685



78, 29.885, 312.903



45, 7.027, 294.781



22, 102.943, 306.605



3, 35.948, 300.020

Inverse Universe

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



80, 31.052, 328.441



84, 40.437, 328.732



89, 29.154, 130.934



46, 7.919, 327.677



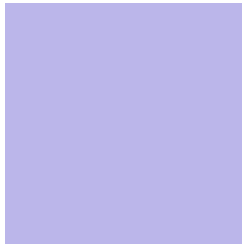
42, 82.884, 332.462



9, 35.885, 331.787

Previews

White Background



This preview shows how the CIELCh color 76, 28.139, 296.105 looks on a white background.

Color Contrast Check

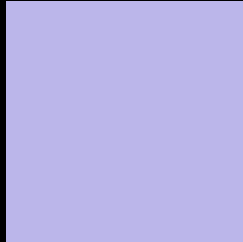
Large Text (above 18pt) WCAG AA × Fail

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 76, 28.139, 296.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

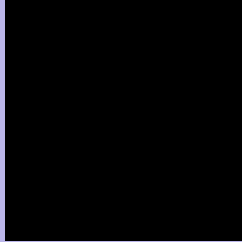
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.139, 296.105

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.139, 296.105.



This preview shows how white text looks on a background with the CIELCh color 76, 28.139, 296.105.

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

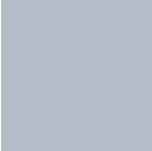
76, 28.139, 296.105

Protanopia

76, 27.578, 285.952

Deuteranopia

76, 26.940, 291.242



Tritanopia
76, 7.888, 272.517

Trichromacy



Original Color
76, 28.139, 296.105

Protanomaly
76, 27.499, 289.292

Deuteranomaly
76, 27.513, 293.376

Tritanomaly
76, 15.100, 287.634

Monochromacy



Original Color
76, 28.139, 296.105

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 10.275, 295.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.139, 296.105 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(187, 182, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 182, 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(187, 182, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 182, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.139, 296.105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

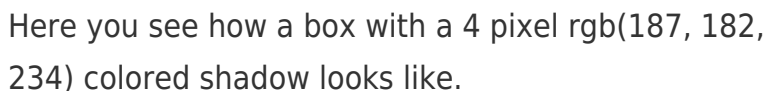
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 182, 234) }
```

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

```
.border{ border-color:rgb(187, 182, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 182, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 182, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 182, 234); box-shadow:4px 4px 4px 4px rgb(187, 182, 234) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.139, 296.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 182, 234) }
```

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

```
.background{ background-color: rgb(187,  
182, 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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