

Converting Colors

CIELCh(78, 27.041, 290.118)

Have a look what the booklet for
CIELCh(78, 27.041, 290.118)
contains.

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Color

CIELCh(78, 27.347, 290.576)

Conversions

Conversions Part 1

Format	Color
Hex	BABDF0
RGB	186, 189, 240
RGB Percent	73%, 74%, 94%
CMY	0.2700, 0.2583, 0.0582
CMYK	0.22, 0.21, 0.00, 0.06
HSL	237°, 65%, 84%
HSV	237°, 22%, 94%
XYZ	54.2616, 53.2120, 89.9631
YIQ	193.9170, -18.1590, 15.2250

Conversions

Conversions Part 2

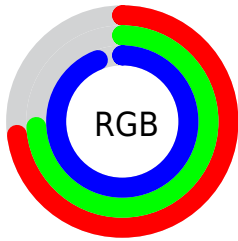
Format	Color
RYB	186, 189, 240
Decimal	12238320
CIELab	78.00, 9.61, -25.60
CIELCh	78, 27.347, 290.576
Yxy	53.2120, 0.2748, 0.2695
Android (android.graphics.Color)	4290428400 (0xFFBABDF0)
YUV	193.9170, 22.7189, -6.9432
Hunter-Lab	72.9466, 5.1216, -22.0582

Details

The CIELCh color `78, 27.347, 290.576` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 26.096, 105.562`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 5.160, 282.900`, and `58, 27.316, 290.458` is the 20% darker color. If you saturate the color by 10%, you get `70, 40.313, 292.136`, and if you desaturate by 10%, it is `86, 14.894, 289.249`.

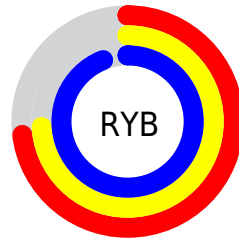
Distribution



Red (73%)

Green (74%)

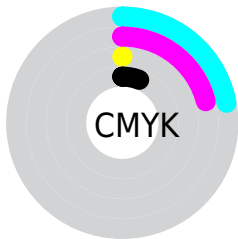
Blue (94%)



Red (73%)

Yellow (74%)

Blue (94%)

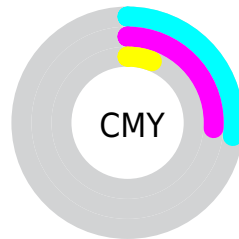


Cyan (22%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (27%)


Magenta (26%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 27.347, 290.576 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, 27.347, 290.576 by changing the saturation by 10% instead.


 78, 27.347,
290.576


 78, 27.347,
290.576


 100, 27.347,
290.576


 68, 27.347,
290.576


 98, 27.347,
290.576

 58, 27.347,
290.576

 48, 27.347,
290.576

 38, 27.347,
290.576

 28, 27.347,
290.576

 18, 27.347,
290.576

 8, 27.347, 290.576

0, 27.347, 290.576

78, 27.347,
290.576

78, 27.347,
290.576

70, 40.313,
292.136

86, 14.894,
289.249

63, 53.828,
293.960

93, 2.920, 288.148

56, 67.882,
296.054

100, 7.518,
109.605

49, 82.341,
298.379

42, 96.764,
300.810

37, 110.116,
303.106

■ 33,120.638,
304.934

■ 31,125.604,
305.795

Harmonies

Complementary

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



78, 27.347, 290.576



93, 26.096, 105.562

Rectangle

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



78, 27.347, 290.576



78, 27.347, 340.576



78, 27.347, 110.576



78, 27.347, 160.576

Sweetspot

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



78, 27.345, 290.575



95, 8.679, 288.615



91, 18.201, 192.319



50, 5.645, 288.682



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, 27.345, 290.575



79, 34.788, 291.262



79, 30.085, 307.876



46, 6.729, 288.892



23, 102.042, 305.616



3, 36.348, 297.774

Inverse Universe

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



80, 20.755, 16.759



82, 26.577, 17.311



92, 29.030, 125.611



47, 4.999, 15.446



38, 79.358, 37.805



8, 29.549, 21.572

Previews

White Background



This preview shows how the CIELCh color 78, 27.347, 290.576 looks on a white background.

Color Contrast Check

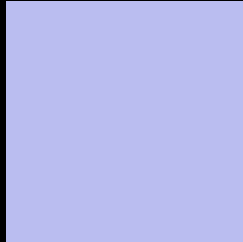
Large Text (above 18pt) WCAG AA × Fail

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, 27.347, 290.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

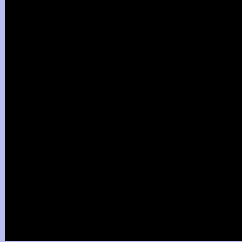
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 27.347, 290.576

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.347, 290.576.



This preview shows how white text looks on a background with the CIELCh color 78, 27.347, 290.576.

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, 27.347, 290.576

Protanopia

78, 26.923, 284.985

Deuteranopia

78, 27.343, 291.256



Tritanopia
78, 9.474, 257.394

Trichromacy



Original Color
78, 27.347, 290.576

Protanomaly
78, 27.393, 287.196

Deuteranomaly
78, 27.343, 291.256

Tritanomaly
78, 15.365, 277.417

Monochromacy



Original Color
78, 27.347, 290.576

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.180, 289.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.347, 290.576 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(186, 189, 240)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 240)  
}
```

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(186, 189, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.347, 290.576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

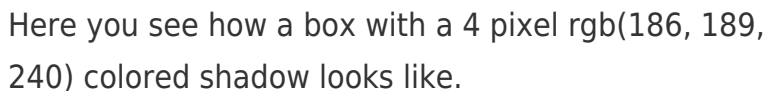
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 189, 240) }
```

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

```
.border{ border-color:rgb(186, 189, 240) }
```

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



Here you see how a box with a 4 pixel rgb(186, 189, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 240);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.347, 290.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 240) }
```

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

```
.background{ background-color: rgb(186,  
189, 240) }
```

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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