

Converting Colors

CIELCh(76, 26.587, 297.637)

Have a look what the booklet for
CIELCh(76, 26.587, 297.637)
contains.

CIELCh(76, 26.587, 297.637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 26.587, 297.637)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6E7
RGB	189, 182, 231
RGB Percent	74%, 71%, 91%
CMY	0.2599, 0.2873, 0.0952
CMYK	0.18, 0.21, 0.00, 0.10
HSL	249°, 50%, 81%
HSV	249°, 21%, 90%
XYZ	51.9793, 49.8872, 82.2869
YIQ	189.6790, -11.5570, 16.7230

Conversions

Conversions Part 2

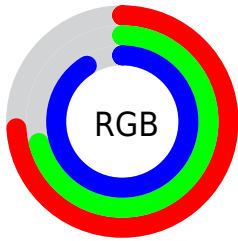
Format	Color
RYB	189, 182, 231
Decimal	12433127
CIELab	76.00, 12.33, -23.55
CIELCh	76, 26.587, 297.637
Yxy	49.8872, 0.2823, 0.2709
Android (android.graphics.Color)	4290623207 (0xFFBDB6E7)
YUV	189.6790, 20.3713, -0.5955
Hunter-Lab	70.6309, 7.7592, -19.6328

Details

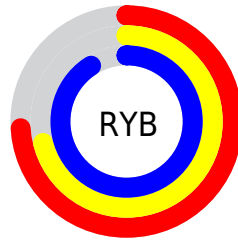
The CIELCh color `76, 26.587, 297.637` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `90, 25.344, 114.165`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 9.208, 308.327`, and `56, 26.516, 297.697` is the 20% darker color. If you saturate the color by 10%, you get `69, 39.900, 298.734`, and if you desaturate by 10%, it is `83, 13.789, 296.686`.

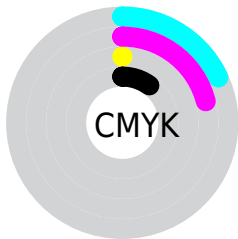
Distribution



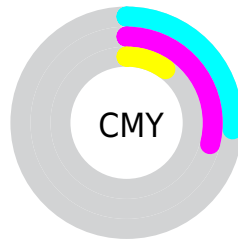
- Red (74%)
- Green (71%)
- Blue (91%)



- Red (74%)
- Yellow (71%)
- Blue (91%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)





- Cyan (26%)
- Magenta (29%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 26.587, 297.637 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, 26.587, 297.637 by changing the saturation by 10% instead.


 76, 26.587,
297.637


 76, 26.587,
297.637


 100, 26.587,
297.637


 66, 26.587,
297.637


 96, 26.587,
297.637

 56, 26.587,
297.637

 46, 26.587,
297.637

 36, 26.587,
297.637

 26, 26.587,
297.637

 16, 26.587,
297.637

 6, 26.587, 297.637

■ 0, 26.587, 297.637

■ 76, 26.587,
297.637

■ 76, 26.587,
297.637

■ 69, 39.900,
298.734

■ 83, 13.789,
296.686

■ 61, 53.724,
299.989

■ 91, 1.491, 295.877

■ 54, 67.977,
301.388

■ 98, 10.339,
115.169

■ 47, 82.416,
302.887

■ 99, 12.286,
109.249

■ 41, 96.463,
304.377

■ 36, 108.988,
305.664

■ 32, 118.298,
306.487

■ 30, 123.105,
306.771

Harmonies

Complementary

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



76, 26.587, 297.637



90, 25.344, 114.165

Rectangle

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



76, 26.587, 297.637



76, 26.587, 347.637



76, 26.587, 117.637



76, 26.587, 167.637

Sweetspot

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



76, 26.585, 297.636



95, 7.913, 296.247



87, 14.554, 212.179



50, 5.255, 296.301



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, 26.585, 297.636



80, 34.218, 298.047



78, 28.494, 314.494



44, 6.920, 296.532



22, 101.465, 306.856



3, 33.966, 300.181

Inverse Universe

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



79, 28.397, 329.882



85, 36.270, 330.127



88, 27.921, 132.641



45, 7.527, 329.147



41, 79.103, 334.851



8, 33.764, 333.694

Previews

White Background



This preview shows how the CIELCh color 76, 26.587, 297.637 looks on a white background.

Color Contrast Check

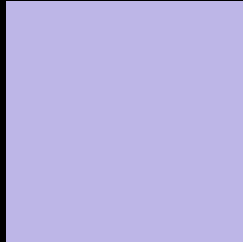
Large Text (above 18pt) WCAG AA × Fail

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, 26.587, 297.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

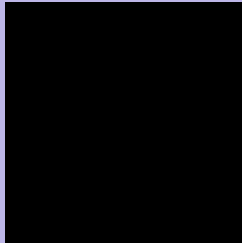
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.587, 297.637

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.587, 297.637.



This preview shows how white text looks on a background with the CIELCh color 76, 26.587, 297.637.

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, 26.587, 297.637

Protanopia

76, 25.953, 286.045

Deuteranopia

76, 25.365, 293.255



Tritanopia
76, 8.131, 283.381

Trichromacy



Original Color
76, 26.587, 297.637

Protanomaly
76, 25.872, 290.357

Deuteranomaly
76, 25.391, 294.757

Tritanomaly
76, 14.568, 292.901

Monochromacy



Original Color
76, 26.587, 297.637

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 9.775, 297.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.587, 297.637 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(189, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 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(189, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.587, 297.637 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(189, 182, 231) }
```

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

```
.border{ border-color:rgb(189, 182, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.587, 297.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 231) }
```

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

```
.background{ background-color: rgb(189,  
182, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor