

Converting Colors

CIELCh(77, 26.650, 310.193)

Have a look what the booklet for
CIELCh(77, 26.650, 310.193)
contains.

CIELCh(77, 26.717, 310.397)	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(77, 26.717, 310.397)

Conversions

Conversions Part 1

Format	Color
Hex	CDB5E4
RGB	205, 181, 228
RGB Percent	80%, 71%, 89%
CMY	0.1967, 0.2908, 0.1065
CMYK	0.10, 0.21, 0.00, 0.11
HSL	271°, 46%, 80%
HSV	271°, 21%, 89%
XYZ	55.6043, 51.5317, 80.2944
YIQ	193.5340, -0.7830, 19.7050

Conversions

Conversions Part 2

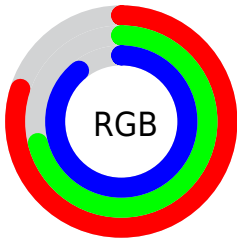
Format	Color
RYB	205, 181, 228
Decimal	13481444
CIELab	77.00, 17.31, -20.35
CIElCh	77, 26.717, 310.397
Yxy	51.5317, 0.2967, 0.2749
Android (android.graphics.Color)	4291671524 (0xFFCDB5E4)
YUV	193.5340, 16.9917, 10.0557
Hunter-Lab	71.7856, 12.6392, -16.0677

Details

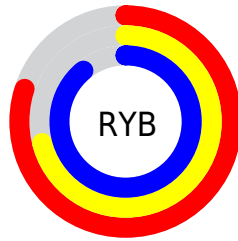
The CIELCh color $77, 26.717, 310.397$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88, 25.987, 128.502$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 11.228, 324.804$, and $57, 26.467, 310.273$ is the 20% darker color. If you saturate the color by 10%, you get $71, 40.153, 310.918$, and if you desaturate by 10%, it is $84, 13.575, 309.903$.

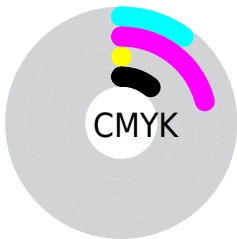
Distribution



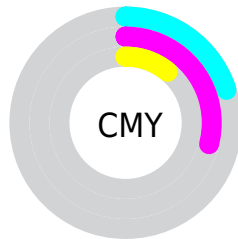
- Red (80%)
- Green (71%)
- Blue (89%)



- Red (80%)
- Yellow (71%)
- Blue (89%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)





- Cyan (20%)
- Magenta (29%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 26.717, 310.397 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 77, 26.717, 310.397 by changing the saturation by 10% instead.


 77, 26.717,
310.397


 77, 26.717,
310.397


 100, 26.717,
310.397


 67, 26.717,
310.397


 97, 26.717,
310.397


 57, 26.717,
310.397

 47, 26.717,
310.397

 37, 26.717,
310.397

 27, 26.717,
310.397

 17, 26.717,
310.397

 7, 26.717, 310.397

0, 26.717, 310.397

77, 26.717,
310.397

77, 26.717,
310.397

71, 40.153,
310.918

84, 13.575,
309.903

64, 53.767,
311.455

90, 0.795, 309.296

58, 67.330,
311.975

97, 11.601,
129.072

52, 80.458,
312.432

99, 13.917,
117.453

47, 92.552,
312.752

99, 13.746,
109.139

42, 102.779,
312.836

■ 39,110.219,
312.568

■ 37,114.500,
311.988

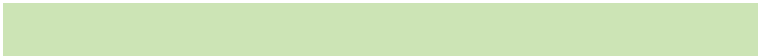
Harmonies

Complementary

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



77, 26.717, 310.397



88, 25.987, 128.502

Rectangle

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



77, 26.717, 310.397



77, 26.717, 0.397



77, 26.717, 130.397



77, 26.717, 180.397

Sweetspot

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



77, 26.715, 310.396



96, 8.348, 309.685



81, 14.561, 258.420



51, 5.542, 309.716



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 26.715, 310.396



82, 35.686, 310.630



79, 30.103, 325.565



45, 7.288, 309.847



28, 95.238, 312.169



4, 35.691, 311.412

Inverse Universe

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



78, 21.236, 346.059



84, 28.301, 346.531



86, 30.084, 143.109



45, 5.812, 344.980



38, 64.759, 2.889



7, 27.511, 355.739

Previews

White Background



This preview shows how the CIELCh color 77, 26.717, 310.397 looks on a white background.

Color Contrast Check

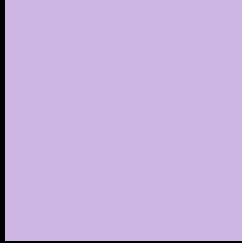
Large Text (above 18pt) WCAG AA × Fail

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 77, 26.717, 310.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

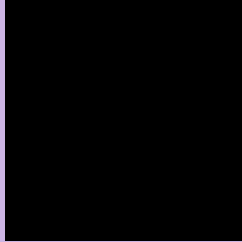
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 26.717, 310.397

Background



This preview shows how black text looks on a background with the CIELCh color 77, 26.717, 310.397.



This preview shows how white text looks on a background with the CIELCh color 77, 26.717, 310.397.

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

77, 26.717, 310.397

Protanopia

77, 24.256, 286.140

Deuteranopia

77, 22.152, 296.569



Tritanopia
77, 9.141, 324.795

Trichromacy



Original Color
77, 26.717, 310.397

Protanomaly
77, 24.825, 295.518

Deuteranomaly
77, 23.577, 302.264

Tritanomaly
77, 15.467, 315.996

Monochromacy



Original Color
77, 26.717, 310.397

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.606, 308.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 26.717, 310.397 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(205, 181, 228)` looks like.

```
.text, #text, p{  
    color:rgb(205, 181, 228)  
}
```

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(205, 181, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 181, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 26.717, 310.397 is called "border". The border property can be set on classes, ids or directly on the HTML element.

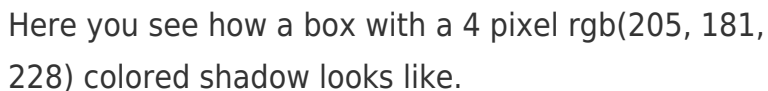
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 181, 228) }
```

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

```
.border{ border-color:rgb(205, 181, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 181, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 181, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 181, 228);  
box-shadow:4px 4px 4px 4px rgb(205, 181,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 26.717, 310.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 181, 228) }
```

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

```
.background{ background-color: rgb(205,  
181, 228) }
```

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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