

Converting Colors

CIELCh(77, 12.754, 326.954)

Have a look what the booklet for
CIELCh(77, 12.754, 326.954)
contains.

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Color

CIELCh(77, 12.811, 327.694)

Conversions

Conversions Part 1

Format	Color
Hex	CDB8CB
RGB	205, 184, 203
RGB Percent	80%, 72%, 80%
CMY	0.1963, 0.2787, 0.2042
CMYK	0.00, 0.10, 0.01, 0.20
HSL	306°, 17%, 76%
HSV	306°, 10%, 80%
XYZ	53.0566, 51.5317, 63.6082
YIQ	192.4450, 6.4170, 10.3610

Conversions

Conversions Part 2

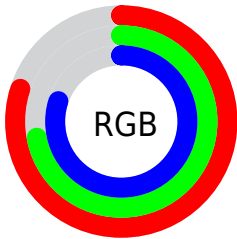
Format	Color
R _Y B	205, 184, 203
Decimal	13482187
CIE Lab	77.00, 10.83, -6.85
CIE LCh	77, 12.811, 327.694
Yxy	51.5317, 0.3154, 0.3064
Android (android.graphics.Color)	4291672267 (0xFFCDB8CB)
YUV	192.4450, 5.2036, 11.0107
Hunter-Lab	71.7856, 6.3041, -2.2861

Details

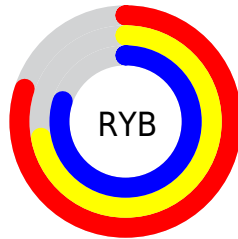
The CIELCh color $77, 12.811, 327.694$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 12.784, 146.524$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.351, 324.734$, and $57, 12.888, 328.001$ is the 20% darker color. If you saturate the color by 10%, you get $72, 25.411, 328.288$, and if you desaturate by 10%, it is $82, 0.312, 326.228$.

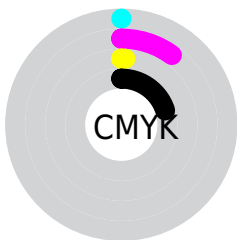
Distribution



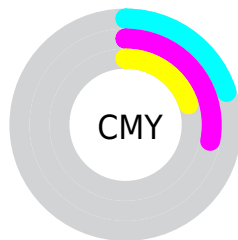
- Red (80%)
- Green (72%)
- Blue (80%)



- Red (80%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (28%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 12.811, 327.694 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, 12.811, 327.694 by changing the saturation by 10% instead.

 77, 12.811,
327.694

 77, 12.811,
327.694

 100, 12.811,
327.694

 67, 12.811,
327.694

 97, 12.811,
327.694

 57, 12.811,
327.694

 47, 12.811,
327.694

 37, 12.811,
327.694

 27, 12.811,
327.694

 17, 12.811,
327.694

 7, 12.811, 327.694

77, 12.811,
327.694

77, 12.811,
327.694

72, 25.411,
328.288

82, 0.312, 326.228

67, 37.919,
328.877

88, 11.951,
146.613

63, 50.043,
329.457

93, 23.906,
146.066

58, 61.392,
330.021

96, 28.950,
146.443

55, 71.485,
330.561

96, 28.154,
147.659

52, 79.798,
331.072

96, 27.369,
148.942

■ 50, 85.872,
331.554

■ 96, 26.595,
150.296

■ 48, 89.455,
332.016

■ 96, 25.835,
151.727

■ 48, 90.909,
332.461

■ 96, 25.090,
153.239

Harmonies

Complementary

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



77, 12.811, 327.694



80, 12.784, 146.524

Rectangle

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



77, 12.811, 327.694



77, 12.811, 17.694



77, 12.811, 147.694



77, 12.811, 197.694

Sweetspot

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



77, 12.809, 327.695



98, 4.461, 327.227



75, 11.363, 294.369



52, 3.383, 327.290



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, 12.809, 327.695



92, 17.934, 327.809



77, 9.137, 349.273



40, 7.062, 327.643



38, 77.730, 332.391



5, 26.888, 330.833

Inverse Universe

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



77, 12.809, 327.695



92, 17.934, 327.809



81, 8.964, 167.541



40, 7.062, 327.643



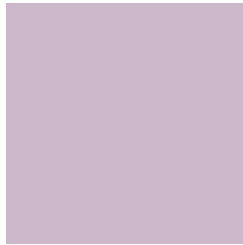
38, 77.730, 332.391



5, 26.888, 330.833

Previews

White Background



This preview shows how the CIELCh color 77, 12.811, 327.694 looks on a white background.

Color Contrast Check

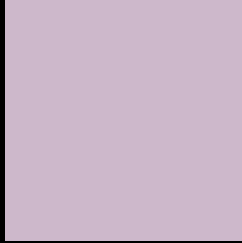
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 12.811, 327.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

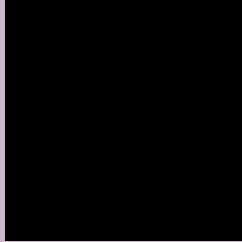
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 12.811, 327.694

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.811, 327.694.



This preview shows how white text looks on a background with the CIELCh color 77, 12.811, 327.694.

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, 12.811, 327.694

Protanopia

77, 9.136, 291.024

Deuteranopia

77, 11.733, 324.903



Tritanopia
77, 10.298, 333.417

Trichromacy



Original Color
77, 12.811, 327.694

Protanomaly
77, 10.138, 307.510

Deuteranomaly
77, 11.941, 326.381

Tritanomaly
77, 10.692, 331.451

Monochromacy



Original Color
77, 12.811, 327.694

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 4.798, 328.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.811, 327.694 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, 184, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 184, 203)  
}
```

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, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 184, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.811, 327.694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

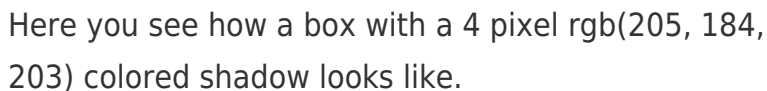
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 184, 203) }
```

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

```
.border{ border-color:rgb(205, 184, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 184, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 184,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.811, 327.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 184, 203) }
```

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

```
.background{ background-color: rgb(205,  
184, 203) }
```

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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