

Converting Colors

CIELCh(77, 16.213, 321.979)

Have a look what the booklet for
CIELCh(77, 16.213, 321.979)
contains.

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Color

CIELCh(77, 16.313, 321.858)

Conversions

Conversions Part 1

Format	Color
Hex	CEB7D1
RGB	206, 183, 209
RGB Percent	81%, 72%, 82%
CMY	0.1926, 0.2827, 0.1808
CMYK	0.01, 0.12, 0.00, 0.18
HSL	293°, 22%, 77%
HSV	293°, 12%, 82%
XYZ	53.8344, 51.5317, 67.3645
YIQ	192.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

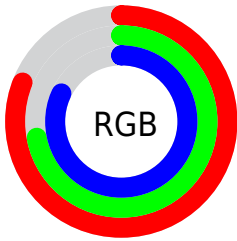
Format	Color
R _{YB}	206, 183, 209
Decimal	13547473
CIE Lab	77.00, 12.83, -10.08
CIE LCh	77, 16.313, 321.858
Yxy	51.5317, 0.3117, 0.2983
Android (android.graphics.Color)	4291737553 (0xFFCEB7D1)
YUV	192.8410, 7.9664, 11.5404
Hunter-Lab	71.7856, 8.2381, -5.3886

Details

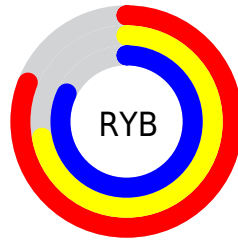
The CIELCh color $77, 16.313, 321.858$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82, 16.245, 140.649$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $57, 16.593, 321.886$ is the 20% darker color. If you saturate the color by 10%, you get $72, 29.566, 322.343$, and if you desaturate by 10%, it is $82, 3.182, 321.320$.

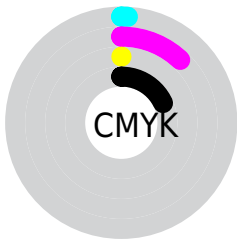
Distribution



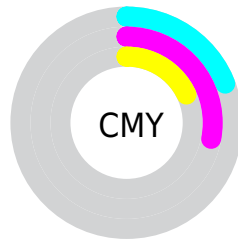
- Red (81%)
- Green (72%)
- Blue (82%)



- Red (81%)
- Yellow (72%)
- Blue (82%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)




- Cyan (19%)
- Magenta (28%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 16.313, 321.858 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, 16.313, 321.858 by changing the saturation by 10% instead.

 77, 16.313,
321.858

 77, 16.313,
321.858


 100, 16.313,
321.858


 67, 16.313,
321.858


 97, 16.313,
321.858


 57, 16.313,
321.858

 47, 16.313,
321.858

 37, 16.313,
321.858

 27, 16.313,
321.858

 17, 16.313,
321.858

 7, 16.313, 321.858

0, 16.313, 321.858

77, 16.313,
321.858

77, 16.313,
321.858

72, 29.566,
322.343

82, 3.182, 321.320

88, 9.699, 140.954

67, 42.757,
322.810

94, 22.261,
140.494

62, 55.599,
323.243

96, 27.561,
139.510

57, 67.701,
323.618

96, 27.112,
138.029

54, 78.563,
323.906

97, 26.681,
136.488

50, 87.626,
324.075

97, 26.268,

■ 48, 94.378,
324.095

134.887

■ 46, 98.525,
323.946

■ 97, 25.876,
133.226

■ 45, 100.265,
323.741

■ 97, 25.505,
131.505

Harmonies

Complementary

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



77, 16.313, 321.858



82, 16.245, 140.649

Rectangle

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



77, 16.313, 321.858



77, 16.313, 11.858



77, 16.313, 141.858



77, 16.313, 191.858

Sweetspot

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



77, 16.311, 321.858



97, 6.128, 321.426



76, 12.400, 286.419



52, 4.357, 321.469



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, 16.311, 321.858



90, 23.156, 321.991



77, 12.910, 338.768



41, 7.428, 321.708



36, 85.354, 323.807



5, 30.123, 323.520

Inverse Universe

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



77, 9.963, 10.944



90, 14.242, 11.230



82, 12.792, 156.936



41, 4.503, 10.636



35, 71.690, 34.682



4, 20.073, 14.097

Previews

White Background



This preview shows how the CIELCh color 77, 16.313, 321.858 looks on a white background.

Color Contrast Check

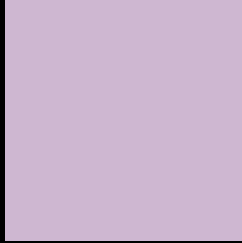
Large Text (above 18pt) WCAG AA × Fail

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, 16.313, 321.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

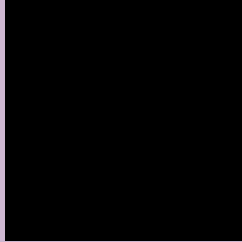
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 16.313, 321.858

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.313, 321.858.



This preview shows how white text looks on a background with the CIELCh color 77, 16.313, 321.858.

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





Tritanopia
77, 10.298, 333.417

Trichromacy



Original Color
77, 16.313, 321.858

Protanomaly
77, 13.708, 301.782

Deuteranomaly
77, 14.506, 317.773

Tritanomaly
77, 12.811, 327.694

Monochromacy



Original Color
77, 16.313, 321.858

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 6.328, 321.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.313, 321.858 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(206, 183, 209)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 209)  
}
```

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(206, 183, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.313, 321.858 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(206, 183, 209) }
```

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

```
.border{ border-color:rgb(206, 183, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 183, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 183, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 183,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.313, 321.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 209) }
```

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

```
.background{ background-color: rgb(206,  
183, 209) }
```

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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