

Converting Colors

CIELCh(77, 17.071, 295.807)

Have a look what the booklet for
CIELCh(77, 17.071, 295.807)
contains.

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Color

CIELCh(77, 16.726, 295.262)

Conversions

Conversions Part 1

Format	Color
Hex	BEBBDA
RGB	190, 187, 218
RGB Percent	75%, 73%, 85%
CMY	0.2550, 0.2668, 0.1452
CMYK	0.13, 0.14, 0.00, 0.15
HSL	246°, 30%, 79%
HSV	246°, 14%, 85%
XYZ	51.6427, 51.5317, 73.5340
YIQ	191.4310, -8.1630, 10.2770

Conversions

Conversions Part 2

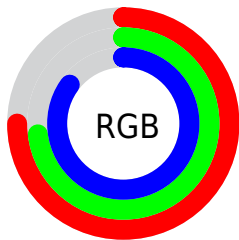
Format	Color
R _Y B	190, 187, 218
Decimal	12499930
CIE Lab	77.00, 7.14, -15.13
CIE LCh	77, 16.726, 295.262
Yxy	51.5317, 0.2922, 0.2916
Android (android.graphics.Color)	4290690010 (0xFFBEBBDA)
YUV	191.4310, 13.0985, -1.2550
Hunter-Lab	71.7856, 2.7884, -10.4841

Details

The CIELCh color $77, 16.726, 295.262$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 16.196, 112.815$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.257, 300.202$, and $57, 16.604, 294.590$ is the 20% darker color. If you saturate the color by 10%, you get $70, 29.066, 296.344$, and if you desaturate by 10%, it is $84, 4.873, 294.334$.

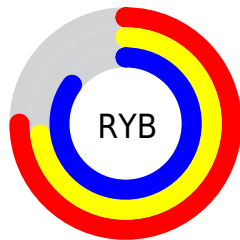
Distribution



Red (75%)

Green (73%)

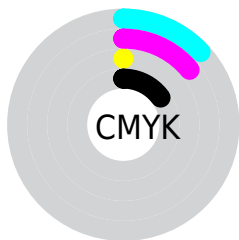
Blue (85%)



Red (75%)

Yellow (73%)

Blue (85%)

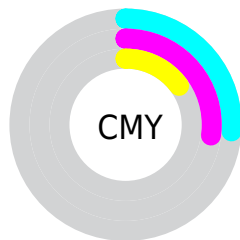


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (27%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 16.726, 295.262 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, 16.726, 295.262 by changing the saturation by 10% instead.

■ 77, 16.726,
295.262

■ 77, 16.726,
295.262

■ 100, 16.726,
295.262

■ 67, 16.726,
295.262

■ 97, 16.726,
295.262

■ 57, 16.726,
295.262

■ 47, 16.726,
295.262

■ 37, 16.726,
295.262

■ 27, 16.726,
295.262

■ 17, 16.726,
295.262

■ 7, 16.726, 295.262

0, 16.726, 295.262

77, 16.726,
295.262

77, 16.726,
295.262

70, 29.066,
296.344

84, 4.873, 294.334

63, 41.921,
297.603

91, 6.519, 113.530

56, 55.278,
299.045

98, 17.484,
112.855

49, 69.043,
300.653

99, 18.721,
108.761

42, 82.928,
302.366

37, 96.247,
304.042

■ 32, 107.695,
305.443

■ 29, 115.488,
306.281

■ 27, 118.339,
306.561

Harmonies

Complementary

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



77, 16.726, 295.262



86, 16.196, 112.815

Rectangle

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



77, 16.726, 295.262



77, 16.726, 345.262



77, 16.726, 115.262



77, 16.726, 165.262

Sweetspot

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



77, 16.724, 295.259



97, 5.243, 294.319



84, 9.917, 206.693



51, 3.731, 294.383



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, 16.724, 295.259



86, 22.840, 295.560



78, 17.885, 312.527



42, 6.647, 294.798



21, 99.676, 306.620



2, 29.729, 297.292

Inverse Universe

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



79, 18.713, 327.978



89, 25.435, 328.153



85, 17.602, 131.319



43, 7.488, 327.691



40, 80.255, 332.477



7, 32.297, 331.609

Previews

White Background



This preview shows how the CIELCh color 77, 16.726, 295.262 looks on a white background.

Color Contrast Check

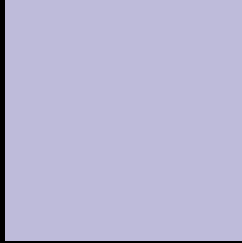
Large Text (above 18pt) WCAG AA × Fail

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, 16.726, 295.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

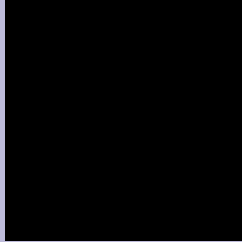
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 16.726, 295.262

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.726, 295.262.



This preview shows how white text looks on a background with the CIELCh color 77, 16.726, 295.262.

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, 16.726, 295.262

Protanopia

77, 16.144, 286.774

Deuteranopia

77, 18.159, 302.844



Tritanopia
77, 8.065, 288.393

Trichromacy



Original Color
77, 16.726, 295.262

Protanomaly
77, 16.660, 290.520

Deuteranomaly
77, 17.432, 299.765

Tritanomaly
77, 11.305, 293.010

Monochromacy



Original Color
77, 16.726, 295.262

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.925, 294.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.726, 295.262 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(190, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 218)  
}
```

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(190, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.726, 295.262 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(190, 187, 218) }
```

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

```
.border{ border-color:rgb(190, 187, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.726, 295.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 218) }
```

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

```
.background{ background-color: rgb(190,  
187, 218) }
```

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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