

Converting Colors

CIELCh(77, 1.227, 15.907)

Have a look what the booklet for
CIELCh(77, 1.227, 15.907) contains.

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Color

CIELCh(77, 1.484, 19.168)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDBD
RGB	193, 189, 189
RGB Percent	76%, 74%, 74%
CMY	0.2423, 0.2580, 0.2580
CMYK	0.00, 0.02, 0.02, 0.24
HSL	0°, 3%, 75%
HSV	0°, 2%, 76%
XYZ	49.4950, 51.5317, 55.5994
YIQ	190.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

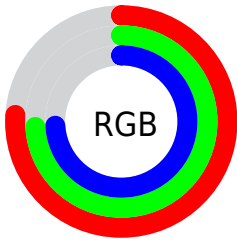
Format	Color
R _Y B	193, 189, 189
Decimal	12697021
CIE Lab	77.00, 1.40, 0.49
CIE LCh	77, 1.484, 19.168
Yxy	51.5317, 0.3160, 0.3290
Android (android.graphics.Color)	4290887101 (0xFFC1BDBD)
YUV	190.1960, -0.5896, 2.4591
Hunter-Lab	71.7856, -2.5520, 4.3287

Details

The CIELCh color **77, 1.484, 19.168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 1.462, 199.729**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 1.412, 19.043**, and **57, 1.578, 19.303** is the 20% darker color. If you saturate the color by 10%, you get **72, 8.982, 20.201**, and if you desaturate by 10%, it is **83, 5.453, 199.179**.

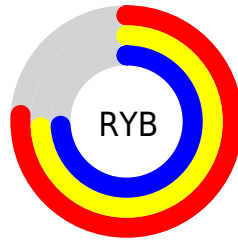
Distribution



Red (76%)

Green (74%)

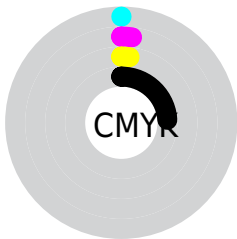
Blue (74%)



Red (76%)

Yellow (74%)

Blue (74%)

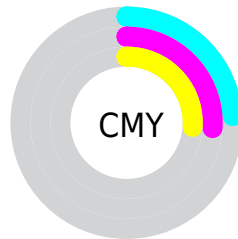


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 1.484, 19.168 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, 1.484, 19.168 by changing the saturation by 10% instead.

■ 77, 1.484, 19.168

■ 77, 1.484, 19.168

■ 100, 1.484, 19.168

■ 67, 1.484, 19.168

■ 97, 1.484, 19.168

■ 57, 1.484, 19.168

■ 47, 1.484, 19.168

■ 37, 1.484, 19.168

■ 27, 1.484, 19.168

■ 17, 1.484, 19.168

■ 7, 1.484, 19.168

■ 0, 1.484, 19.168

■ 77, 1.484, 19.168

■ 77, 1.484, 19.168

72, 8.982, 20.201

83, 5.453, 199.179

66, 17.076, 21.083

88, 11.874,
198.716

61, 25.762, 22.204

94, 17.835,
198.373

56, 34.983, 23.662

52, 44.604, 25.562

96, 20.149,
198.178

48, 54.395, 28.010

45, 64.032, 31.057

42, 73.038, 34.558

41, 80.474, 37.896

Harmonies

Complementary

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



77, 1.484, 19.168



78, 1.462, 199.729

Rectangle

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



77, 1.484, 19.168



77, 1.484, 69.168



77, 1.484, 199.168



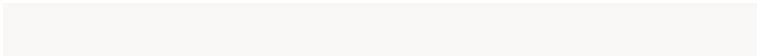
77, 1.484, 249.168

Sweetspot

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



77, 1.483, 19.236



98, 0.879, 18.796



77, 2.625, 324.459



52, 0.500, 18.754



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 1.483, 19.236



97, 1.764, 19.227



78, 1.289, 74.894



40, 0.813, 19.186



33, 73.716, 39.735



3, 13.992, 19.451

Inverse Universe

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



78, 1.462, 199.729



98, 1.740, 199.739



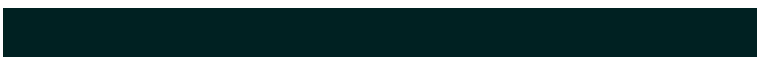
77, 1.296, 255.945



41, 0.803, 199.779



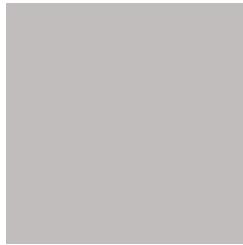
60, 35.432, 196.514



11, 12.432, 196.490

Previews

White Background



This preview shows how the CIELCh color 77, 1.484, 19.168 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, 1.484, 19.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

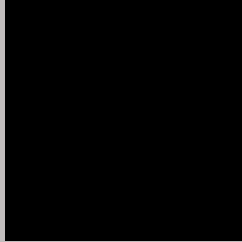
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

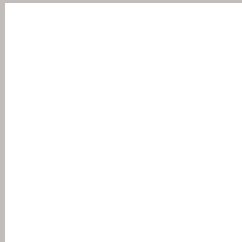
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 1.484, 19.168

Background



This preview shows how black text looks on a background with the CIELCh color 77, 1.484, 19.168.

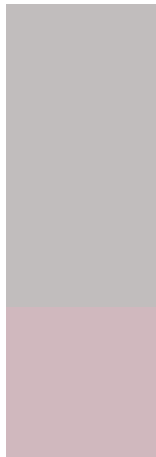


This preview shows how white text looks on a background with the CIELCh color 77, 1.484, 19.168.

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, 1.484, 19.168

Protanopia

77, 1.484, 19.168

Deuteranopia

77, 9.566, 0.580



Tritanopia
77, 8.608, 310.528

Trichromacy



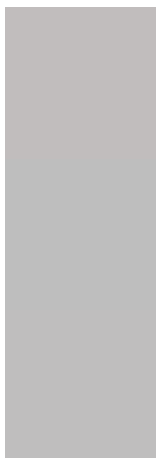
Original Color
77, 1.484, 19.168

Protanomaly
77, 1.484, 19.168

Deuteranomaly
77, 6.715, 1.311

Tritanomaly
77, 5.340, 314.824

Monochromacy



Original Color
77, 1.484, 19.168

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 0.370, 18.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 1.484, 19.168 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(193, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 189)  
}
```

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(193, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 1.484, 19.168 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(193, 189, 189) }
```

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

```
.border{ border-color:rgb(193, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 1.484, 19.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 189) }
```

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

```
.background{ background-color: rgb(193,  
189, 189) }
```

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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