

Converting Colors

CIELCh(77, 10.234, 121.867)

Have a look what the booklet for
CIELCh(77, 10.234, 121.867)
contains.

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Color

CIELCh(77, 10.416, 121.856)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1AE
RGB	187, 193, 174
RGB Percent	73%, 76%, 68%
CMY	0.2681, 0.2446, 0.3191
CMYK	0.03, 0.00, 0.10, 0.24
HSL	79°, 13%, 72%
HSV	79°, 10%, 76%
XYZ	46.9918, 51.5317, 47.3248
YIQ	189.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

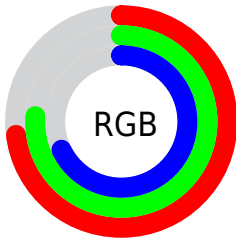
Format	Color
RYB	174, 193, 180
Decimal	12304814
CIELab	77.00, -5.50, 8.85
CIELCh	77, 10.416, 121.856
Yxy	51.5317, 0.3222, 0.3533
Android (android.graphics.Color)	4290494894 (0xFFBBC1AE)
YUV	189.0400, -7.4147, -1.7891
Hunter-Lab	71.7856, -8.7765, 11.1629

Details

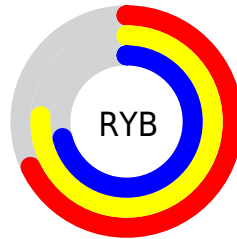
The CIELCh color **77, 10.416, 121.856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 10.618, 302.962**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 10.425, 121.348**, and **57, 10.499, 122.377** is the 20% darker color. If you saturate the color by 10%, you get **76, 20.957, 121.291**, and if you desaturate by 10%, it is **78, 0.156, 302.068**.

Distribution



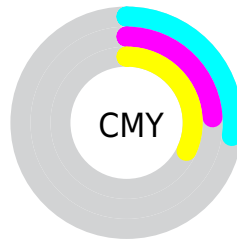
- Red (73%)
- Green (76%)
- Blue (68%)



- Red (68%)
- Yellow (76%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (27%)
- Magenta (24%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 10.416, 121.856 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, 10.416, 121.856 by changing the saturation by 10% instead.


 77, 10.416,
121.856


 77, 10.416,
121.856


 100, 10.416,
121.856


 67, 10.416,
121.856


 97, 10.416,
121.856

 57, 10.416,
121.856

 47, 10.416,
121.856

 37, 10.416,
121.856

 27, 10.416,
121.856

 17, 10.416,
121.856

 7, 10.416, 121.856

0, 10.416, 121.856

77, 10.416,
121.856

77, 10.416,
121.856

76, 20.957,
121.291

78, 0.156, 302.068

75, 31.382,
120.719

79, 10.709,
302.925

75, 41.581,
120.168

80, 21.204,
303.420

74, 51.382,
119.675

81, 31.612,
303.878

73, 60.535,
119.296

82, 34.254,
306.575

73, 68.683,
119.112

82, 34.765,
309.884

■ 72, 75.375,
119.227

■ 83, 35.384,
313.128

■ 72, 80.170,
119.752

■ 83, 36.108,
316.288

■ 71, 83.160,
120.671

■ 84, 36.933,
319.349

Harmonies

Complementary

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



77, 10.416, 121.856



72, 10.618, 302.962

Rectangle

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



77, 10.416, 121.856



77, 10.416, 171.856



77, 10.416, 301.856



77, 10.416, 351.856

Sweetspot

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



77, 10.418, 121.861



98, 3.907, 122.250



74, 5.931, 50.841



52, 2.963, 122.202



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, 10.418, 121.861



97, 15.660, 121.729



76, 11.723, 138.375



41, 6.018, 121.889



60, 72.634, 120.484



11, 19.791, 124.626

Inverse Universe

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



72, 10.618, 302.962



89, 16.024, 303.108



73, 11.789, 319.226



38, 6.129, 302.932



21, 91.550, 308.639



2, 19.763, 299.606

Previews

White Background



This preview shows how the CIELCh color 77, 10.416, 121.856 looks on a white background.

Color Contrast Check

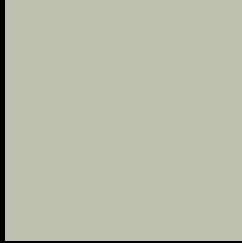
Large Text (above 18pt) WCAG AA × Fail

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, 10.416, 121.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

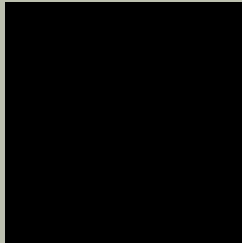
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

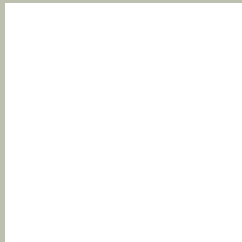
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 10.416, 121.856

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.416, 121.856.



This preview shows how white text looks on a background with the CIELCh color 77, 10.416, 121.856.

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, 10.416, 121.856

Protanopia
77, 9.721, 88.422

Deuteranopia
77, 12.793, 39.717



Tritanopia
77, 8.156, 298.509

Trichromacy



Original Color
77, 10.416, 121.856

Protanomaly
77, 9.209, 99.743

Deuteranomaly
77, 9.170, 64.016

Tritanomaly
77, 1.137, 271.520

Monochromacy



Original Color
77, 10.416, 121.856

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.826, 121.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.416, 121.856 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(187, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 174)  
}
```

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(187, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.416, 121.856 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(187, 193, 174) }
```

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

```
.border{ border-color:rgb(187, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.416, 121.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 174) }
```

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

```
.background{ background-color: rgb(187,  
193, 174) }
```

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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