

Converting Colors

CIELCh(77, 4.987, 143.831)

Have a look what the booklet for
CIELCh(77, 4.987, 143.831) contains.

CIELCh(77, 4.581, 144.293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 4.581, 144.293)

Conversions

Conversions Part 1

Format	Color
Hex	B9C0B9
RGB	185, 192, 185
RGB Percent	73%, 75%, 73%
CMY	0.2744, 0.2469, 0.2744
CMYK	0.04, 0.00, 0.04, 0.25
HSL	120°, 5%, 74%
HSV	120°, 4%, 75%
XYZ	47.6285, 51.5317, 53.3491
YIQ	189.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

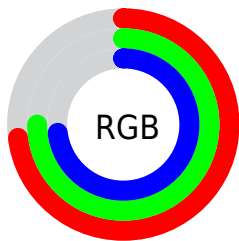
Format	Color
RYB	185, 192, 192
Decimal	12173497
CIELab	77.00, -3.72, 2.67
CIELCh	77, 4.581, 144.293
Yxy	51.5317, 0.3123, 0.3379
Android (android.graphics.Color)	4290363577 (0xFFB9C0B9)
YUV	189.1090, -2.0257, -3.6036
Hunter-Lab	71.7856, -7.1933, 6.1872

Details

The CIELCh color $77, 4.581, 144.293$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.600, 324.586$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.361, 144.353$, and $57, 4.869, 144.206$ is the 20% darker color. If you saturate the color by 10%, you get $75, 17.283, 143.630$, and if you desaturate by 10%, it is $79, 7.929, 324.735$.

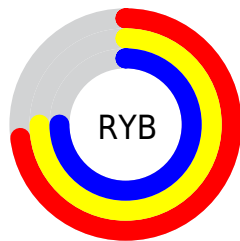
Distribution



Red (73%)

Green (75%)

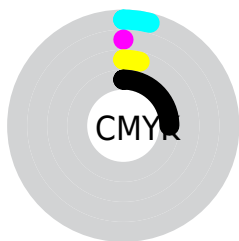
Blue (73%)



Red (73%)

Yellow (75%)

Blue (75%)

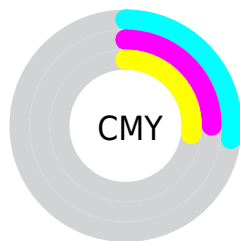


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.581, 144.293 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, 4.581, 144.293 by changing the saturation by 10% instead.

■ 77, 4.581, 144.293

■ 77, 4.581, 144.293

■ 100, 4.581,
144.293

■ 67, 4.581, 144.293

■ 97, 4.581, 144.293

■ 57, 4.581, 144.293

■ 47, 4.581, 144.293

■ 37, 4.581, 144.293

■ 27, 4.581, 144.293

■ 17, 4.581, 144.293

■ 7, 4.581, 144.293

■ 0, 4.581, 144.293

■ 77, 4.581, 144.293

■ 77, 4.581, 144.293

75, 17.283,
143.630

79, 7.929, 324.735

74, 30.027,
142.891

81, 20.157,
325.200

72, 42.614,
142.037

84, 32.038,
325.582

71, 54.779,
141.062

85, 39.489,
325.795

70, 66.185,
139.985

69, 76.415,
138.854

68, 84.985,
137.764

68, 91.393,
136.852

68, 95.273,

136.255

Harmonies

Complementary

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



77, 4.581, 144.293



76, 4.600, 324.586

Rectangle

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



77, 4.581, 144.293



77, 4.581, 194.293



77, 4.581, 324.293



77, 4.581, 14.293

Sweetspot

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



77, 4.583, 144.294



98, 1.545, 144.584



78, 3.737, 109.816



52, 0.878, 144.597



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, 4.583, 144.294



97, 6.228, 144.264



77, 3.204, 163.479



41, 3.593, 144.221



57, 84.787, 136.016



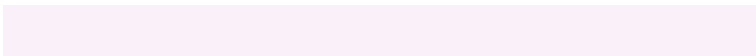
10, 24.261, 144.096

Inverse Universe

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



76, 4.600, 324.586



96, 6.249, 324.614



76, 3.230, 343.824



40, 3.603, 324.654



38, 81.805, 328.233



4, 24.213, 326.359

Previews

White Background



This preview shows how the CIELCh color 77, 4.581, 144.293 looks on a white background.

Color Contrast Check

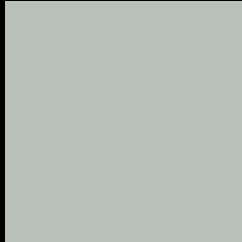
Large Text (above 18pt) WCAG AA × Fail

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, 4.581, 144.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

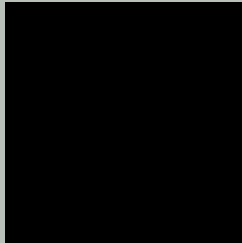
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

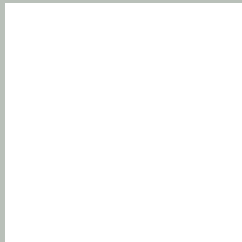
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.581, 144.293

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.581, 144.293.



This preview shows how white text looks on a background with the CIELCh color 77, 4.581, 144.293.

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, 4.581, 144.293

Protanopia

77, 3.906, 74.587

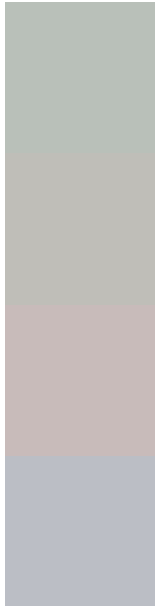
Deuteranopia

77, 9.575, 10.531



Tritanopia
77, 8.065, 288.393

Trichromacy



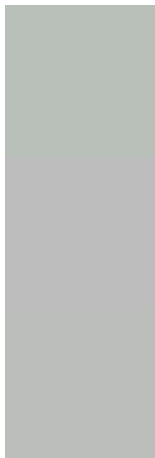
Original Color
77, 4.581, 144.293

Protanomaly
77, 3.224, 103.204

Deuteranomaly
77, 4.906, 25.941

Tritanomaly
77, 3.900, 274.378

Monochromacy



Original Color
77, 4.581, 144.293

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.303, 144.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.581, 144.293 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(185, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 185)  
}
```

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(185, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.581, 144.293 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(185, 192, 185) }
```

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

```
.border{ border-color:rgb(185, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.581, 144.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 185) }
```

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

```
.background{ background-color: rgb(185,  
192, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor