

Converting Colors

CIELCh(77, 4.559, 74.483)

Have a look what the booklet for
CIELCh(77, 4.559, 74.483) contains.

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Color

CIELCh(77, 4.564, 74.479)

Conversions

Conversions Part 1

Format	Color
Hex	C4BDB6
RGB	196, 189, 182
RGB Percent	77%, 74%, 71%
CMY	0.2312, 0.2587, 0.2861
CMYK	0.00, 0.04, 0.07, 0.23
HSL	30°, 11%, 74%
HSV	30°, 7%, 77%
XYZ	49.4284, 51.5317, 51.6183
YIQ	190.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

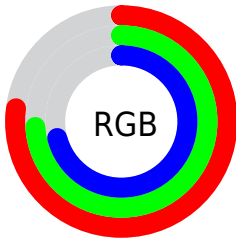
Format	Color
RYB	196, 196, 182
Decimal	12893622
CIELab	77.00, 1.22, 4.40
CIELCh	77, 4.564, 74.479
Yxy	51.5317, 0.3240, 0.3377
Android (android.graphics.Color)	4291083702 (0xFFC4BDB6)
YUV	190.2950, -4.0894, 5.0033
Hunter-Lab	71.7856, -2.7176, 7.6168

Details

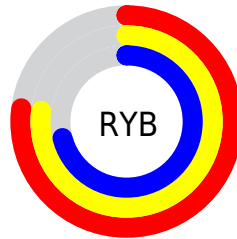
The CIELCh color $77, 4.564, 74.479$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.497, 256.431$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.552, 70.924$, and $57, 4.642, 78.302$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.218, 73.326$, and if you desaturate by 10%, it is $80, 1.798, 255.991$.

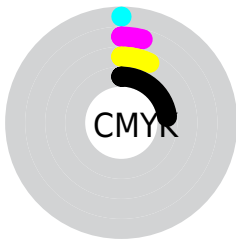
Distribution



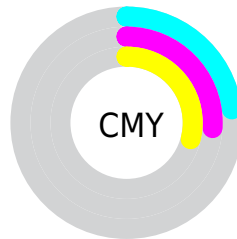
- Red (77%)
- Green (74%)
- Blue (71%)



- Red (77%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (23%)



- Cyan (23%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.564, 74.479 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, 4.564, 74.479 by changing the saturation by 10% instead.

■ 77, 4.564, 74.479

■ 77, 4.564, 74.479

■ 100, 4.564, 74.479

■ 67, 4.564, 74.479

■ 97, 4.564, 74.479

■ 57, 4.564, 74.479

■ 47, 4.564, 74.479

■ 37, 4.564, 74.479

■ 27, 4.564, 74.479

■ 17, 4.564, 74.479

■ 7, 4.564, 74.479

■ 0, 4.564, 74.479

■ 77, 4.564, 74.479

■ 77, 4.564, 74.479

74, 11.218, 73.326

80, 1.798, 255.991

71, 18.187, 72.092

83, 7.897, 257.006

68, 25.482, 70.840

86, 13.760,
258.121

65, 33.094, 69.576

89, 17.165,
253.596

63, 40.961, 68.289

60, 48.929, 66.945

92, 16.041,
232.059

58, 56.660, 65.450

94, 17.224,
210.852

55, 63.510, 63.609

53, 68.617, 61.135

96, 19.302,
198.231

Harmonies

Complementary

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



77, 4.564, 74.479



76, 4.497, 256.431

Rectangle

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



77, 4.564, 74.479



77, 4.564, 124.479



77, 4.564, 254.479



77, 4.564, 304.479

Sweetspot

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



77, 4.565, 74.507



99, 1.559, 74.921



75, 6.457, 344.176



53, 0.886, 74.918



0, 0.000, 0.000



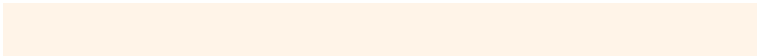
53, 0.007, 296.813

Same Dimension

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



77, 4.565, 74.507



97, 7.156, 74.281



79, 7.446, 109.489



39, 3.609, 74.255



43, 60.206, 61.046



6, 11.488, 58.265

Inverse Universe

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



76, 4.497, 256.431



95, 7.008, 256.687



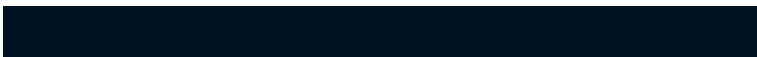
74, 7.578, 290.903



39, 3.532, 256.716



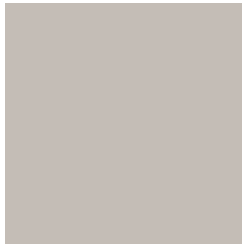
35, 50.614, 283.575



5, 12.825, 269.425

Previews

White Background



This preview shows how the CIELCh color 77, 4.564, 74.479 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, 4.564, 74.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

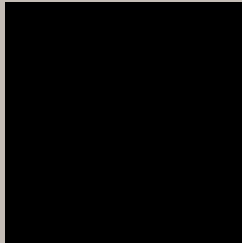
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

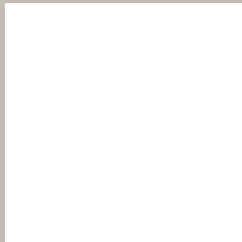
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.564, 74.479

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.564, 74.479.

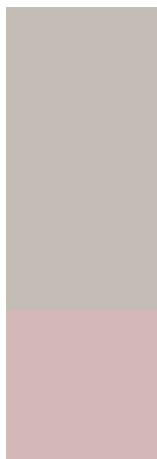


This preview shows how white text looks on a background with the CIELCh color 77, 4.564, 74.479.

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, 4.564, 74.479

Protanopia

77, 4.358, 78.567

Deuteranopia

77, 10.304, 23.156



Tritanopia
77, 9.396, 321.089

Trichromacy



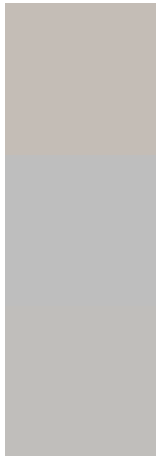
Original Color
77, 4.564, 74.479

Protanomaly
77, 4.358, 78.567

Deuteranomaly
77, 7.758, 31.834

Tritanomaly
77, 5.562, 337.312

Monochromacy



Original Color
77, 4.564, 74.479

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.756, 84.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.564, 74.479 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(196, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 182)  
}
```

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(196, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.564, 74.479 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(196, 189, 182) }
```

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

```
.border{ border-color:rgb(196, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.564, 74.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 182) }
```

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

```
.background{ background-color: rgb(196,  
189, 182) }
```

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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