

Converting Colors

CIELCh(77, 4.608, 326.434)

Have a look what the booklet for
CIELCh(77, 4.608, 326.434) contains.

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Color

CIELCh(77, 4.584, 324.582)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCC3
RGB	195, 188, 195
RGB Percent	76%, 74%, 76%
CMY	0.2351, 0.2626, 0.2351
CMYK	0.00, 0.04, 0.00, 0.24
HSL	300°, 6%, 75%
HSV	300°, 4%, 76%
XYZ	50.3615, 51.5317, 58.9446
YIQ	190.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

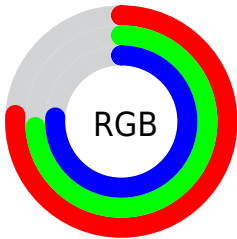
Format	Color
R _Y B	195, 188, 195
Decimal	12827843
CIE Lab	77.00, 3.74, -2.66
CIE LCh	77, 4.584, 324.582
Yxy	51.5317, 0.3131, 0.3204
Android (android.graphics.Color)	4291017923 (0xFFC3BCC3)
YUV	190.8910, 2.0257, 3.6036
Hunter-Lab	71.7856, -0.3973, 1.5657

Details

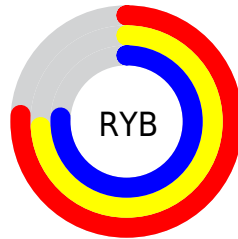
The CIELCh color $77, 4.584, 324.582$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.565, 144.297$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.992, 324.556$, and $57, 4.172, 324.620$ is the 20% darker color. If you saturate the color by 10%, you get $72, 17.445, 325.167$, and if you desaturate by 10%, it is $82, 8.087, 144.131$.

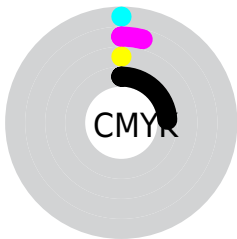
Distribution



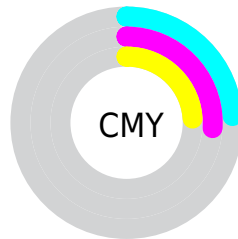
- Red (76%)
- Green (74%)
- Blue (76%)



- Red (76%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.584, 324.582 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, 4.584, 324.582 by changing the saturation by 10% instead.

■ 77, 4.584, 324.582

■ 77, 4.584, 324.582

■ 100, 4.584,
324.582

■ 67, 4.584, 324.582

■ 97, 4.584, 324.582

■ 57, 4.584, 324.582

■ 47, 4.584, 324.582

■ 37, 4.584, 324.582

■ 27, 4.584, 324.582

■ 17, 4.584, 324.582

■ 7, 4.584, 324.582

■ 0, 4.584, 324.582

■ 77, 4.584, 324.582

■ 77, 4.584, 324.582

72, 17.445,
325.167

82, 8.087, 144.131

67, 30.346,
325.714

87, 20.465,
143.589

63, 43.052,
326.241

92, 32.495,
143.081

59, 55.238,
326.735

95, 37.590,
142.870

55, 66.490,
327.180

95, 37.590,
142.870

52, 76.323,
327.560

95, 37.590,
142.870

49, 84.259,
327.858

95, 37.590,
142.870

48, 89.932,
328.068

95, 37.590,
142.870

47, 93.225,

95, 37.590,
142.870

Harmonies

Complementary

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



77, 4.584, 324.582



78, 4.565, 144.297

Rectangle

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



77, 4.584, 324.582



77, 4.584, 14.582



77, 4.584, 144.582



77, 4.584, 194.582

Sweetspot

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



77, 4.582, 324.582



98, 1.579, 324.303



76, 3.769, 290.544



53, 0.905, 324.290



0, 0.000, 0.000



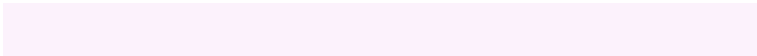
53, 0.007, 296.813

Same Dimension

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



77, 4.582, 324.582



97, 6.301, 324.614



77, 3.217, 343.818



40, 3.603, 324.654



38, 81.806, 328.233



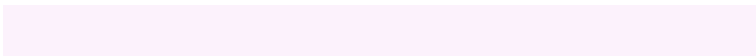
4, 24.213, 326.359

Inverse Universe

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



77, 4.582, 324.582



97, 6.301, 324.614



78, 3.191, 163.485



40, 3.603, 324.654



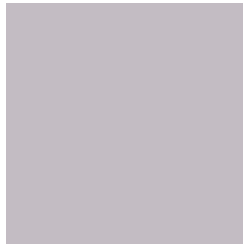
38, 81.806, 328.233



4, 24.213, 326.359

Previews

White Background



This preview shows how the CIELCh color 77, 4.584, 324.582 looks on a white background.

Color Contrast Check

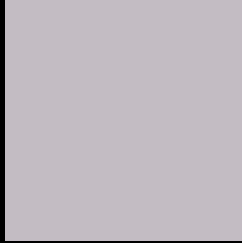
Large Text (above 18pt) WCAG AA × Fail

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, 4.584, 324.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

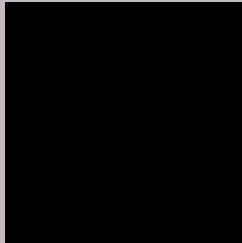
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

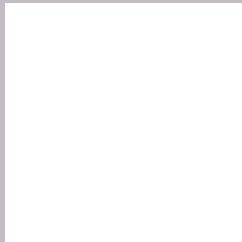
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.584, 324.582

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.584, 324.582.

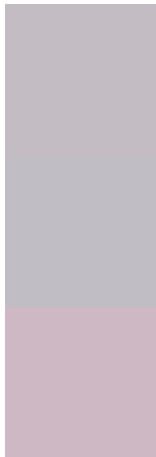


This preview shows how white text looks on a background with the CIELCh color 77, 4.584, 324.582.

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, 4.584, 324.582

Protanopia

77, 3.936, 306.679

Deuteranopia

77, 10.410, 342.099



Tritanopia
77, 8.739, 312.774

Trichromacy



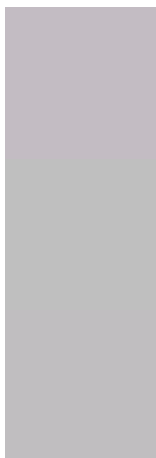
Original Color
77, 4.584, 324.582

Protanomaly
77, 4.057, 311.637

Deuteranomaly
77, 8.651, 337.069

Tritanomaly
77, 7.275, 317.522

Monochromacy



Original Color
77, 4.584, 324.582

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.317, 324.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.584, 324.582 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(195, 188, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 195)  
}
```

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(195, 188, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.584, 324.582 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(195, 188, 195) }
```

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

```
.border{ border-color:rgb(195, 188, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 188, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 188, 195); box-shadow:4px 4px 4px 4px rgb(195, 188, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.584, 324.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 195) }
```

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

```
.background{ background-color: rgb(195,  
188, 195) }
```

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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