

Converting Colors

CIELCh(77, 5.229, 74.365)

Have a look what the booklet for
CIELCh(77, 5.229, 74.365) contains.

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Color

CIELCh(77, 5.224, 74.369)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDB5
RGB	197, 189, 181
RGB Percent	77%, 74%, 71%
CMY	0.2279, 0.2593, 0.2906
CMYK	0.00, 0.04, 0.08, 0.23
HSL	30°, 12%, 74%
HSV	30°, 8%, 77%
XYZ	49.4971, 51.5317, 50.9920
YIQ	190.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

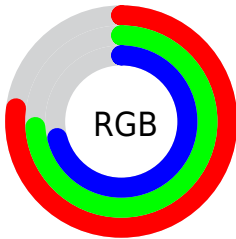
Format	Color
RYB	197, 197, 181
Decimal	12959157
CIELab	77.00, 1.41, 5.03
CIElCh	77, 5.224, 74.369
Yxy	51.5317, 0.3256, 0.3390
Android (android.graphics.Color)	4291149237 (0xFFC5BDB5)
YUV	190.4800, -4.6736, 5.7180
Hunter-Lab	71.7856, -2.5467, 8.1340

Details

The CIELCh color $77, 5.224, 74.369$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.132, 256.552$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.178, 71.285$, and $57, 5.344, 77.622$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.932, 73.202$, and if you desaturate by 10%, it is $80, 1.188, 255.975$.

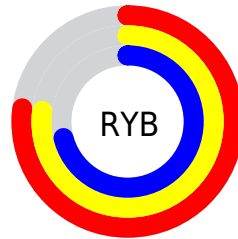
Distribution



Red (77%)

Green (74%)

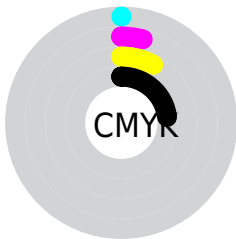
Blue (71%)



Red (77%)

Yellow (77%)

Blue (71%)

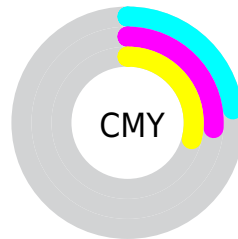


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.224, 74.369 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, 5.224, 74.369 by changing the saturation by 10% instead.

 77, 5.224, 74.369

 77, 5.224, 74.369

 100, 5.224, 74.369

 67, 5.224, 74.369

 97, 5.224, 74.369

 57, 5.224, 74.369

 47, 5.224, 74.369

 37, 5.224, 74.369

 27, 5.224, 74.369

 17, 5.224, 74.369

 7, 5.224, 74.369

 0, 5.224, 74.369

 77, 5.224, 74.369

 77, 5.224, 74.369

74, 11.932, 73.202

80, 1.188, 255.975

71, 18.957, 71.966

83, 7.333, 256.894

68, 26.310, 70.712

86, 13.238,
258.010

65, 33.978, 69.446

89, 17.010,
254.287

63, 41.892, 68.156

60, 49.883, 66.801

92, 15.825,
232.447

58, 57.588, 65.282

94, 16.997,
210.848

55, 64.324, 63.390

53, 69.308, 60.876

96, 19.047,
198.248

Harmonies

Complementary

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



77, 5.224, 74.369



76, 5.132, 256.552

Rectangle

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



77, 5.224, 74.369



77, 5.224, 124.369



77, 5.224, 254.369



77, 5.224, 304.369

Sweetspot

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



77, 5.225, 74.393



99, 1.559, 74.918



75, 7.381, 344.268



53, 0.886, 74.915



0, 0.000, 0.000



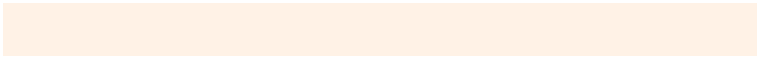
53, 0.007, 296.813

Same Dimension

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



77, 5.225, 74.393



96, 7.970, 74.160



79, 8.502, 109.396



40, 3.687, 74.249



44, 60.924, 60.992



7, 12.953, 57.489

Inverse Universe

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



76, 5.132, 256.552



95, 7.782, 256.821



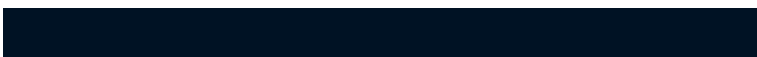
74, 8.669, 291.008



40, 3.608, 256.718



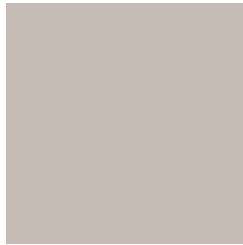
35, 51.265, 283.635



5, 14.023, 270.329

Previews

White Background



This preview shows how the CIELCh color 77, 5.224, 74.369 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, 5.224, 74.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

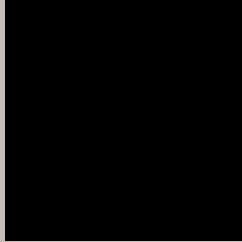
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

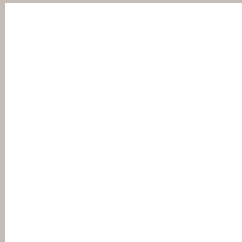
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.224, 74.369

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.224, 74.369.

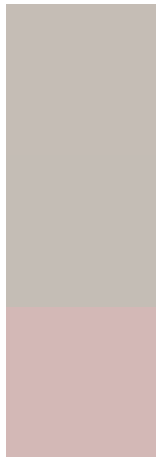


This preview shows how white text looks on a background with the CIELCh color 77, 5.224, 74.369.

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, 5.224, 74.369

Protanopia

77, 5.014, 77.929

Deuteranopia

77, 10.367, 26.085



Tritanopia
77, 9.587, 322.992

Trichromacy



Original Color
77, 5.224, 74.369

Protanomaly
77, 5.014, 77.929

Deuteranomaly
77, 7.901, 35.591

Tritanomaly
77, 5.840, 339.811

Monochromacy



Original Color
77, 5.224, 74.369

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.940, 74.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.224, 74.369 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(197, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 181)  
}
```

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(197, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.224, 74.369 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(197, 189, 181) }
```

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

```
.border{ border-color:rgb(197, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.224, 74.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 181) }
```

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

```
.background{ background-color: rgb(197,  
189, 181) }
```

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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