

Converting Colors

CIELCh(77, 4.370, 70.025)

Have a look what the booklet for
CIELCh(77, 4.370, 70.025) contains.

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Color

CIELCh(77, 4.135, 70.284)

Conversions

Conversions Part 1

Format	Color
Hex	C4BDB7
RGB	196, 189, 183
RGB Percent	77%, 74%, 72%
CMY	0.2315, 0.2589, 0.2825
CMYK	0.00, 0.04, 0.07, 0.23
HSL	28°, 10%, 74%
HSV	28°, 7%, 77%
XYZ	49.4925, 51.5317, 52.1213
YIQ	190.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

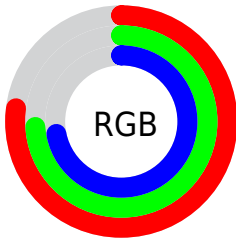
Format	Color
RYB	196, 194, 183
Decimal	12893623
CIELab	77.00, 1.39, 3.89
CIElCh	77, 4.135, 70.284
Yxy	51.5317, 0.3232, 0.3365
Android (android.graphics.Color)	4291083703 (0xFFC4BDB7)
YUV	190.4090, -3.6526, 4.9033
Hunter-Lab	71.7856, -2.5582, 7.2013

Details

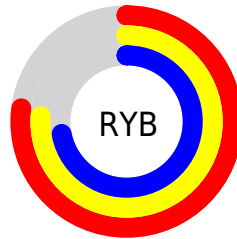
The CIELCh color $77, 4.135, 70.284$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.064, 252.070$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.164, 66.584$, and $57, 4.163, 74.356$ is the 20% darker color. If you saturate the color by 10%, you get $74, 10.651, 69.210$, and if you desaturate by 10%, it is $80, 2.057, 251.749$.

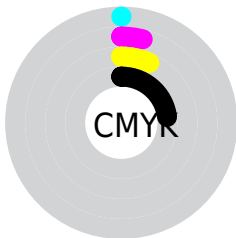
Distribution



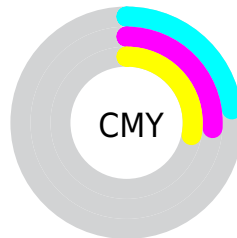
- Red (77%)
- Green (74%)
- Blue (72%)



- Red (77%)
- Yellow (76%)
- Blue (72%)



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



- Cyan (23%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.135, 70.284 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, 4.135, 70.284 by changing the saturation by 10% instead.

■ 77, 4.135, 70.284

■ 77, 4.135, 70.284

■ 100, 4.135, 70.284

■ 67, 4.135, 70.284

■ 97, 4.135, 70.284

■ 57, 4.135, 70.284

■ 47, 4.135, 70.284

■ 37, 4.135, 70.284

■ 27, 4.135, 70.284

■ 17, 4.135, 70.284

■ 7, 4.135, 70.284

■ 0, 4.135, 70.284

■ 77, 4.135, 70.284

■ 77, 4.135, 70.284

74, 10.651, 69.210

80, 2.057, 251.749

71, 17.518, 68.056

84, 7.961, 252.734

68, 24.758, 66.897

87, 13.608,
253.810

65, 32.370, 65.743

90, 16.606,
247.415

62, 40.311, 64.586

59, 48.448, 63.395

93, 16.244,
223.700

56, 56.475, 62.080

95, 18.430,
202.702

54, 63.778, 60.439

52, 69.423, 58.143

96, 19.322,
198.230

Harmonies

Complementary

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



77, 4.135, 70.284



77, 4.064, 252.070

Rectangle

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



77, 4.135, 70.284



77, 4.135, 120.284



77, 4.135, 250.284



77, 4.135, 300.284

Sweetspot

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



77, 4.135, 70.315



99, 1.521, 70.627



76, 6.202, 341.510



53, 0.864, 70.622



0, 0.000, 0.000



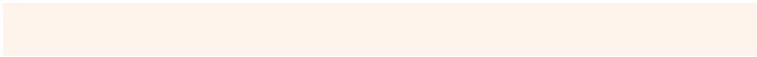
53, 0.007, 296.813

Same Dimension

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



77, 4.135, 70.315



97, 6.201, 70.160



79, 6.575, 107.436



39, 3.528, 70.027



42, 61.211, 57.991



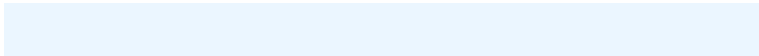
6, 11.463, 54.002

Inverse Universe

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



77, 4.064, 252.070



96, 6.060, 252.247



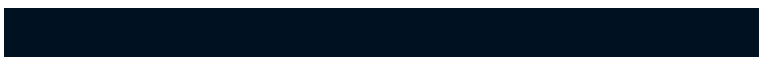
75, 6.676, 288.804



39, 3.433, 252.401



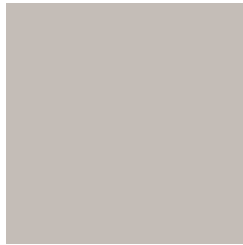
37, 46.851, 279.511



5, 12.304, 265.970

Previews

White Background



This preview shows how the CIELCh color 77, 4.135, 70.284 looks on a white background.

Color Contrast Check

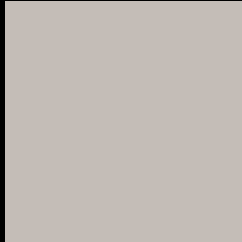
Large Text (above 18pt) WCAG AA × Fail

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, 4.135, 70.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

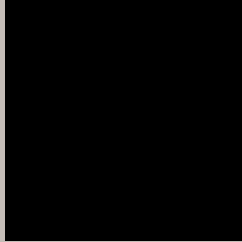
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

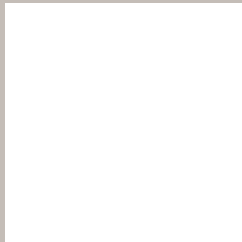
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.135, 70.284

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.135, 70.284.

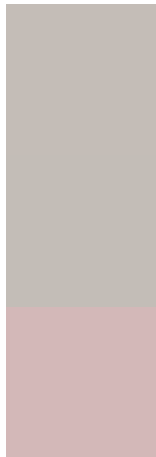


This preview shows how white text looks on a background with the CIELCh color 77, 4.135, 70.284.

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, 4.135, 70.284

Protanopia

77, 3.906, 74.587

Deuteranopia

77, 10.269, 20.199



Tritanopia
77, 9.396, 321.089

Trichromacy



Original Color
77, 4.135, 70.284

Protanomaly
77, 3.906, 74.587

Deuteranomaly
77, 7.651, 27.953

Tritanomaly
77, 5.562, 337.312

Monochromacy



Original Color
77, 4.135, 70.284

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, 4.135, 70.284 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.135, 70.284 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, 183) }
```

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

```
.border{ border-color:rgb(196, 189, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 189, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 189, 183); box-shadow:4px 4px 4px 4px rgb(196, 189, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.135, 70.284 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, 183) }
```

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

```
.background{ background-color: rgb(196,  
189, 183) }
```

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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