

Converting Colors

CIELCh(77, 3.805, 98.464)

Have a look what the booklet for
CIELCh(77, 3.805, 98.464) contains.

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Color

CIELCh(77, 3.809, 98.461)

Conversions

Conversions Part 1

Format	Color
Hex	C0BEB7
RGB	192, 190, 183
RGB Percent	75%, 75%, 72%
CMY	0.2465, 0.2544, 0.2818
CMYK	0.00, 0.01, 0.05, 0.25
HSL	47°, 7%, 74%
HSV	47°, 5%, 75%
XYZ	48.7742, 51.5317, 52.2464
YIQ	189.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

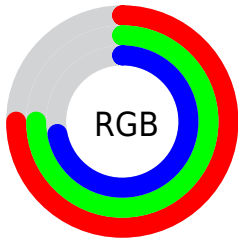
Format	Color
RYB	186, 192, 183
Decimal	12631735
CIELab	77.00, -0.56, 3.77
CIElCh	77, 3.809, 98.461
Yxy	51.5317, 0.3197, 0.3378
Android (android.graphics.Color)	4290821815 (0xFFC0BEB7)
YUV	189.8000, -3.3524, 1.9294
Hunter-Lab	71.7856, -4.3443, 7.0980

Details

The CIELCh color `77, 3.809, 98.461` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 3.842, 279.647`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 3.625, 98.564`, and `57, 4.048, 98.286` is the 20% darker color. If you saturate the color by 10%, you get `75, 12.022, 97.353`, and if you desaturate by 10%, it is `79, 4.318, 279.689`.

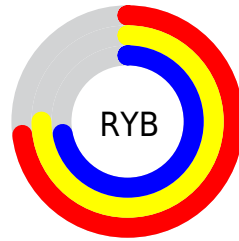
Distribution



Red (75%)

Green (75%)

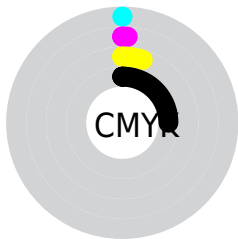
Blue (72%)



Red (73%)

Yellow (75%)

Blue (72%)

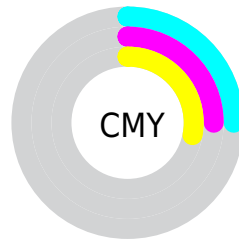


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.809, 98.461 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, 3.809, 98.461 by changing the saturation by 10% instead.

■ 77, 3.809, 98.461

■ 77, 3.809, 98.461

■ 100, 3.809, 98.461

■ 67, 3.809, 98.461

■ 97, 3.809, 98.461

■ 57, 3.809, 98.461

■ 47, 3.809, 98.461

■ 37, 3.809, 98.461

■ 27, 3.809, 98.461

■ 17, 3.809, 98.461

■ 7, 3.809, 98.461

■ 0, 3.809, 98.461

■ 77, 3.809, 98.461

■ 77, 3.809, 98.461

75, 12.022, 97.353

79, 4.318, 279.689

74, 20.294, 96.159

80, 12.353,
280.742

72, 28.582, 94.932

82, 20.294,
281.766

71, 36.806, 93.679

70, 44.819, 92.404

84, 25.571,
281.410

68, 52.368, 91.105

85, 23.575,
276.797

67, 59.043, 89.767

66, 64.254, 88.349

86, 21.756,
271.412

65, 67.359, 86.778

87, 20.158,
265.156

88, 18.834,
257.974

89, 17.840,
249.904

Harmonies

Complementary

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



77, 3.809, 98.461



75, 3.842, 279.647

Rectangle

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



77, 3.809, 98.461



77, 3.809, 148.461



77, 3.809, 278.461



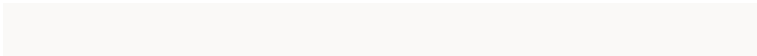
77, 3.809, 328.461

Sweetspot

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



77, 3.810, 98.486



98, 0.996, 98.745



75, 3.558, 1.036



52, 0.566, 98.740



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, 3.810, 98.486



97, 6.049, 98.334



77, 4.899, 120.273



40, 3.255, 98.283



54, 59.992, 86.159



9, 14.126, 90.950

Inverse Universe

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



75, 3.842, 279.647



94, 6.099, 279.809



75, 4.960, 300.819



39, 3.283, 279.864



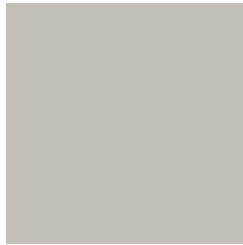
23, 80.051, 301.388



2, 16.482, 284.323

Previews

White Background



This preview shows how the CIELCh color 77, 3.809, 98.461 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, 3.809, 98.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

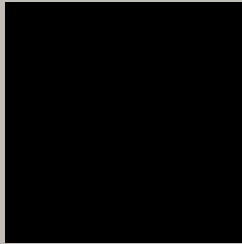
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

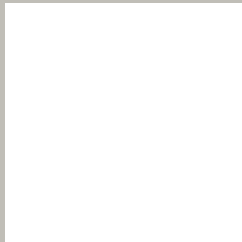
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.809, 98.461

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.809, 98.461.

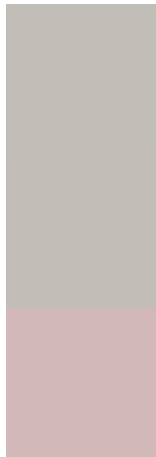


This preview shows how white text looks on a background with the CIELCh color 77, 3.809, 98.461.

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, 3.809, 98.461

Protanopia

77, 3.906, 74.587

Deuteranopia

77, 9.881, 20.165



Tritanopia
77, 8.608, 310.528

Trichromacy



Original Color
77, 3.809, 98.461

Protanomaly
77, 3.703, 79.387

Deuteranomaly
77, 6.889, 28.784

Tritanomaly
77, 4.386, 320.607

Monochromacy



Original Color
77, 3.809, 98.461

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.122, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 77, 3.809, 98.461 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(192, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 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(192, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.809, 98.461 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(192, 190, 183) }
```

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

```
.border{ border-color:rgb(192, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.809, 98.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 183) }
```

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

```
.background{ background-color: rgb(192,  
190, 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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