

Converting Colors

CIELCh(77, 21.819, 105.410)

Have a look what the booklet for
CIELCh(77, 21.819, 105.410)
contains.

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Color

CIELCh(77, 21.840, 104.992)

Conversions

Conversions Part 1

Format	Color
Hex	C3C097
RGB	195, 192, 151
RGB Percent	76%, 75%, 59%
CMY	0.2353, 0.2471, 0.4079
CMYK	0.00, 0.02, 0.23, 0.24
HSL	56°, 27%, 68%
HSV	56°, 23%, 76%
XYZ	46.9375, 51.5317, 36.7485
YIQ	188.2230, 14.9490, -12.1150

Conversions

Conversions Part 2

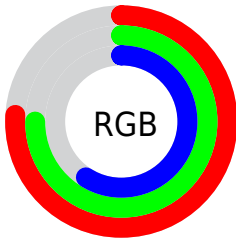
Format	Color
RYB	154, 195, 151
Decimal	12828823
CIELab	77.00, -5.65, 21.10
CIELCh	77, 21.840, 104.992
Yxy	51.5317, 0.3471, 0.3811
Android (android.graphics.Color)	4291018903 (0xFFC3C097)
YUV	188.2230, -18.3509, 5.9434
Hunter-Lab	71.7856, -8.9114, 19.8982

Details

The CIELCh color **77, 21.840, 104.992** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 22.842, 290.008**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.878, 104.556**, and **57, 21.966, 105.308** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.395, 103.963**, and if you desaturate by 10%, it is **78, 12.179, 106.024**.

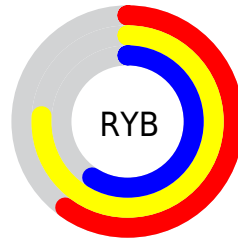
Distribution



Red (76%)

Green (75%)

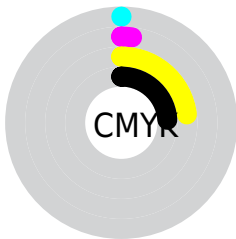
Blue (59%)



Red (60%)

Yellow (76%)

Blue (59%)

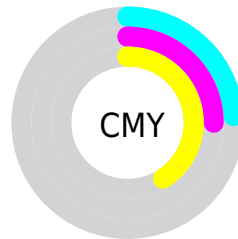


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (25%)

Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 21.840, 104.992 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, 21.840, 104.992 by changing the saturation by 10% instead.


 77, 21.840,
104.992


 77, 21.840,
104.992


 100, 21.840,
104.992


 67, 21.840,
104.992


 97, 21.840,
104.992

 57, 21.840,
104.992

 47, 21.840,
104.992

 37, 21.840,
104.992

 27, 21.840,
104.992

 17, 21.840,
104.992

 7, 21.840, 104.992

■ 0, 21.840, 104.992

■ 77, 21.840,
104.992

■ 77, 21.840,
104.992

■ 76, 31.395,
103.963

■ 78, 12.179,
106.024

■ 76, 40.727,
102.939

■ 79, 2.478, 107.009

■ 75, 49.656,
101.944

■ 79, 7.219, 288.045

■ 75, 57.901,
101.001

■ 80, 16.884,
288.992

■ 74, 65.050,
100.137

■ 81, 26.500,
289.906

■ 74, 70.580, 99.375

■ 82, 29.215,
289.554

■ 82, 28.499,

■ 73, 74.001, 98.730 288.543

■ 73, 75.384, 98.308 ■ 83, 27.792,
287.483

■ 83, 27.095,
286.370

Harmonies

Complementary

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



77, 21.840, 104.992



65, 22.842, 290.008

Rectangle

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



77, 21.840, 104.992



77, 21.840, 154.992



77, 21.840, 284.992



77, 21.840, 334.992

Sweetspot

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



77, 21.842, 104.997



98, 8.366, 106.574



67, 17.579, 14.560



53, 5.481, 106.513



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, 21.842, 104.997



97, 32.182, 104.495



76, 24.506, 125.001



41, 5.468, 106.348



61, 65.343, 98.376



11, 17.129, 102.889

Inverse Universe

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



65, 22.842, 290.008



78, 34.029, 290.728



65, 25.416, 307.293



38, 5.572, 288.315



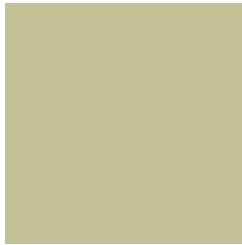
19, 91.471, 305.320



1, 18.534, 289.279

Previews

White Background



This preview shows how the CIELCh color 77, 21.840, 104.992 looks on a white background.

Color Contrast Check

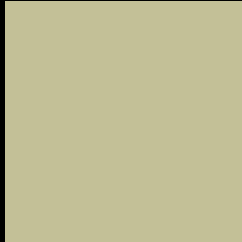
Large Text (above 18pt) WCAG AA × Fail

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, 21.840, 104.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

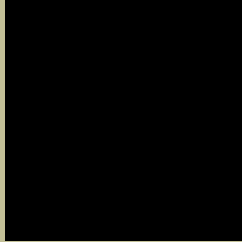
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

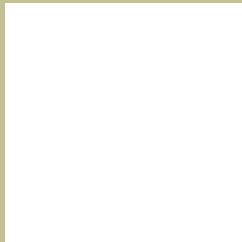
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 21.840, 104.992

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.840, 104.992.



This preview shows how white text looks on a background with the CIELCh color 77, 21.840, 104.992.

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, 21.840, 104.992

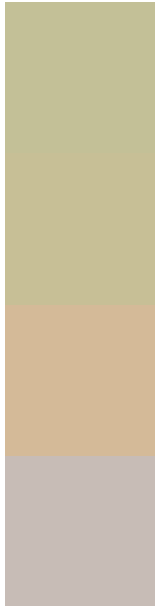
Protanopia
77, 21.861, 95.429

Deuteranopia
77, 22.439, 65.319



Tritanopia
77, 10.007, 326.584

Trichromacy



Original Color
77, 21.840, 104.992

Protanomaly
77, 22.060, 99.770

Deuteranomaly
77, 21.080, 78.595

Tritanomaly
77, 5.239, 57.307

Monochromacy



Original Color
77, 21.840, 104.992

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.528, 103.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.840, 104.992 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, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 151)  
}
```

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, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.840, 104.992 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, 192, 151) }
```

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

```
.border{ border-color:rgb(195, 192, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.840, 104.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 151) }
```

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

```
.background{ background-color: rgb(195,  
192, 151) }
```

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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