

Converting Colors

CIELCh(77, 13.151, 104.627)

Have a look what the booklet for
CIELCh(77, 13.151, 104.627)
contains.

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Color

CIELCh(77, 12.862, 103.791)

Conversions

Conversions Part 1

Format	Color
Hex	C2BFA7
RGB	194, 191, 167
RGB Percent	76%, 75%, 65%
CMY	0.2391, 0.2509, 0.3450
CMYK	0.00, 0.02, 0.14, 0.24
HSL	53°, 18%, 71%
HSV	53°, 14%, 76%
XYZ	47.8641, 51.5317, 43.9912
YIQ	189.1610, 9.4920, -6.8280

Conversions

Conversions Part 2

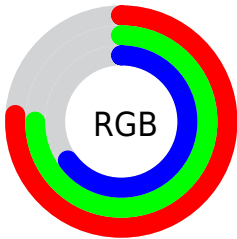
Format	Color
RYB	170, 194, 167
Decimal	12763047
CIELab	77.00, -3.07, 12.49
CIELCh	77, 12.862, 103.791
Yxy	51.5317, 0.3338, 0.3594
Android (android.graphics.Color)	4290953127 (0xFFC2BFA7)
YUV	189.1610, -10.9254, 4.2438
Hunter-Lab	71.7856, -6.6074, 13.9162

Details

The CIELCh color **77, 12.862, 103.791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 13.173, 286.874**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.799, 102.623**, and **57, 13.050, 104.963** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.100, 102.725**, and if you desaturate by 10%, it is **78, 3.610, 104.832**.

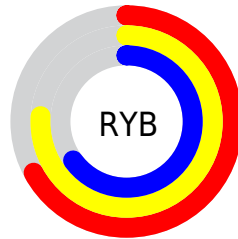
Distribution



Red (76%)

Green (75%)

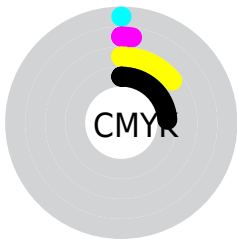
Blue (65%)



Red (67%)

Yellow (76%)

Blue (65%)

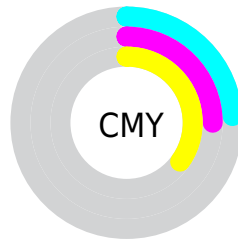


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 12.862, 103.791 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, 12.862, 103.791 by changing the saturation by 10% instead.


 77, 12.862,
103.791


 77, 12.862,
103.791


 100, 12.862,
103.791


 67, 12.862,
103.791


 97, 12.862,
103.791

 57, 12.862,
103.791

 47, 12.862,
103.791

 37, 12.862,
103.791

 27, 12.862,
103.791

 17, 12.862,
103.791

 7, 12.862, 103.791

0, 12.862, 103.791

77, 12.862,
103.791

77, 12.862,
103.791

76, 22.100,
102.725

78, 3.610, 104.832

75, 31.254,
101.638

79, 5.621, 285.907

74, 40.218,
100.552

80, 14.806,
286.883

73, 48.812, 99.482

81, 23.933,
287.829

73, 56.751, 98.444

82, 28.252,
287.525

72, 63.612, 97.456

83, 27.124,
285.723

71, 68.844, 96.527

83, 26.026,

■ 71, 71.929, 95.651 283.776

■ 70, 73.004, 95.135 ■ 84, 24.960,
281.668

■ 84, 23.930,
279.383

Harmonies

Complementary

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



77, 12.862, 103.791



70, 13.173, 286.874

Rectangle

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



77, 12.862, 103.791



77, 12.862, 153.791



77, 12.862, 283.791



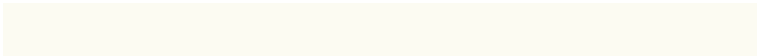
77, 12.862, 333.791

Sweetspot

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



77, 12.864, 103.799



99, 4.566, 104.818



71, 10.542, 10.990



53, 3.273, 104.743



0, 0.000, 0.000



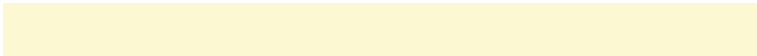
53, 0.007, 296.813

Same Dimension

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



77, 12.864, 103.799



97, 19.461, 103.441



77, 14.966, 124.198



41, 5.232, 104.278



59, 63.537, 95.252



11, 16.230, 100.066

Inverse Universe

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



70, 13.173, 286.874



86, 20.043, 287.314



70, 15.324, 305.625



38, 5.321, 286.317



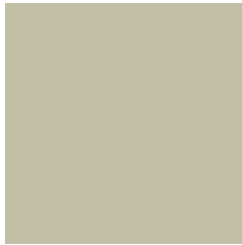
20, 89.057, 304.563



2, 17.949, 288.011

Previews

White Background



This preview shows how the CIELCh color 77, 12.862, 103.791 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, 12.862, 103.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

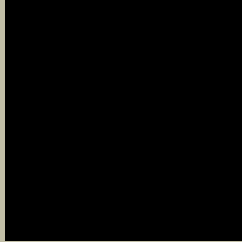
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

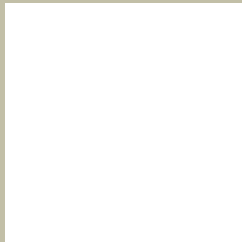
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.862, 103.791

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.862, 103.791.



This preview shows how white text looks on a background with the CIELCh color 77, 12.862, 103.791.

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, 12.862, 103.791

Protanopia
77, 12.895, 91.416

Deuteranopia
77, 15.042, 49.940



Tritanopia
77, 9.396, 321.089

Trichromacy



Original Color
77, 12.862, 103.791

Protanomaly
77, 13.101, 96.969

Deuteranomaly
77, 12.952, 67.593

Tritanomaly
77, 3.399, 10.466

Monochromacy



Original Color
77, 12.862, 103.791

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.824, 105.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.862, 103.791 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(194, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 167)  
}
```

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(194, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.862, 103.791 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(194, 191, 167) }
```

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

```
.border{ border-color:rgb(194, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.862, 103.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 167) }
```

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

```
.background{ background-color: rgb(194,  
191, 167) }
```

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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