

Converting Colors

CIELCh(74, 27.797, 103.496)

Have a look what the booklet for
CIELCh(74, 27.797, 103.496)
contains.

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Color

CIELCh(74, 27.856, 103.250)

Conversions

Conversions Part 1

Format	Color
Hex	BDB884
RGB	189, 184, 132
RGB Percent	74%, 72%, 52%
CMY	0.2593, 0.2788, 0.4827
CMYK	0.00, 0.03, 0.30, 0.26
HSL	55°, 30%, 63%
HSV	55°, 30%, 74%
XYZ	42.2348, 46.7039, 28.5818
YIQ	179.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

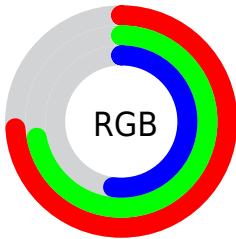
Format	Color
RYB	137, 189, 132
Decimal	12433540
CIELab	74.00, -6.38, 27.11
CIELCh	74, 27.856, 103.250
Yxy	46.7039, 0.3594, 0.3974
Android (android.graphics.Color)	4290623620 (0xFFBDB884)
YUV	179.5670, -23.4505, 8.2727
Hunter-Lab	68.3403, -9.2811, 23.0415

Details

The CIELCh color **74, 27.856, 103.250** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 29.547, 290.300**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 28.124, 103.239**, and **54, 27.747, 103.023** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.878, 102.201**, and if you desaturate by 10%, it is **75, 18.673, 104.308**.

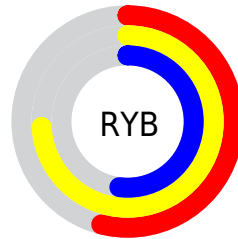
Distribution



Red (74%)

Green (72%)

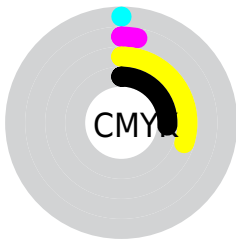
Blue (52%)



Red (54%)

Yellow (74%)

Blue (52%)

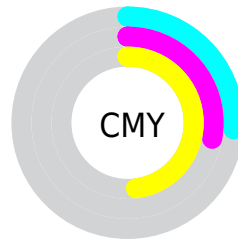


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (28%)

Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 27.856, 103.250 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 74, 27.856, 103.250 by changing the saturation by 10% instead.


 74, 27.856,
103.250

 74, 27.856,
103.250


 100, 27.856,
103.250


 64, 27.856,
103.250


 94, 27.856,
103.250

 54, 27.856,
103.250

 44, 27.856,
103.250

 34, 27.856,
103.250

 24, 27.856,
103.250

 14, 27.856,
103.250

 4, 27.856, 103.250

0, 27.856, 103.250

74, 27.856,
103.250

74, 27.856,
103.250

73, 36.878,
102.201

75, 18.673,
104.308

73, 45.584,
101.165

76, 9.418, 105.348

72, 53.735,
100.166

77, 0.150, 105.736

78, 9.099, 287.383

71, 60.967, 99.226

79, 18.305,
288.334

71, 66.789, 98.365

80, 27.455,
289.248

70, 70.673, 97.593

70, 72.658, 96.905

80, 31.726,
289.155

■ 81, 30.833,
287.971

■ 81, 29.954,
286.721

Harmonies

Complementary

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



74, 27.856, 103.250



58, 29.547, 290.300

Rectangle

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



74, 27.856, 103.250



74, 27.856, 153.250



74, 27.856, 283.250



74, 27.856, 333.250

Sweetspot

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



74, 27.857, 103.254



95, 10.286, 105.453



61, 23.453, 14.229



51, 7.146, 105.303



98, 0.011, 296.813



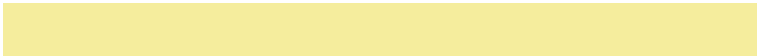
51, 0.007, 296.813

Same Dimension

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



74, 27.857, 103.254



93, 40.898, 102.578



74, 31.733, 123.985



40, 5.243, 105.431



59, 63.745, 96.990



10, 15.071, 102.546

Inverse Universe

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



58, 29.547, 290.300



70, 44.066, 291.395



59, 33.409, 307.195



37, 5.338, 287.423



19, 89.332, 304.985



1, 16.336, 288.090

Previews

White Background



This preview shows how the CIELCh color 74, 27.856, 103.250 looks on a white background.

Color Contrast Check

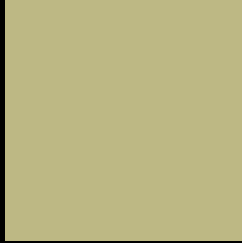
Large Text (above 18pt) WCAG AA × Fail

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 74, 27.856, 103.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

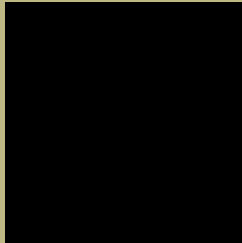
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

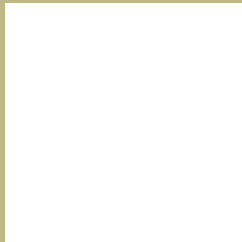
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 27.856, 103.250

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.856, 103.250.



This preview shows how white text looks on a background with the CIELCh color 74, 27.856, 103.250.

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

74, 27.856, 103.250

Protanopia

74, 27.936, 95.541

Deuteranopia

74, 27.841, 70.086



Tritanopia
74, 10.644, 334.949

Trichromacy



Original Color
74, 27.856, 103.250

Protanomaly
74, 28.119, 99.027

Deuteranomaly
74, 26.996, 82.239

Tritanomaly
74, 7.632, 64.534

Monochromacy



Original Color
74, 27.856, 103.250

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.276, 104.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.856, 103.250 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(189, 184, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 184, 132)  
}
```

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(189, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 184, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.856, 103.250 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(189, 184, 132) }
```

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

```
.border{ border-color:rgb(189, 184, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 184, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 184, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 184, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 184,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.856, 103.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 184, 132) }
```

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

```
.background{ background-color: rgb(189,  
184, 132) }
```

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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