

Converting Colors

CIELCh(75, 26.584, 107.251)

Have a look what the booklet for
CIELCh(75, 26.584, 107.251)
contains.

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Color

CIELCh(75, 26.635, 107.628)

Conversions

Conversions Part 1

Format	Color
Hex	BCBC8A
RGB	188, 188, 138
RGB Percent	74%, 74%, 54%
CMY	0.2642, 0.2642, 0.4602
CMYK	0.00, 0.00, 0.27, 0.26
HSL	60°, 27%, 64%
HSV	60°, 27%, 74%
XYZ	43.1139, 48.2781, 30.9577
YIQ	182.3000, 16.0500, -15.5500

Conversions

Conversions Part 2

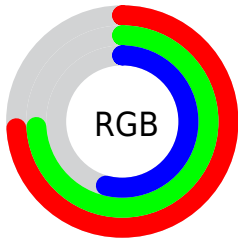
Format	Color
R _{YB}	138, 188, 138
Decimal	12369034
CIE Lab	75.00, -8.07, 25.38
CIE LCh	75, 26.635, 107.628
Yxy	48.2781, 0.3524, 0.3946
Android (android.graphics.Color)	4290559114 (0xFFBCBC8A)
YUV	182.3000, -21.8399, 4.9989
Hunter-Lab	69.4824, -10.8350, 22.2212

Details

The CIELCh color $75, 26.635, 107.628$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $59, 28.367, 293.338$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 26.446, 107.277$, and $55, 26.474, 107.885$ is the 20% darker color. If you saturate the color by 10%, you get $75, 36.355, 106.687$, and if you desaturate by 10%, it is $75, 16.713, 108.592$.

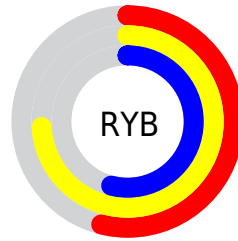
Distribution



Red (74%)

Green (74%)

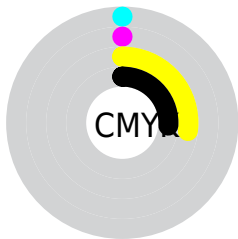
Blue (54%)



Red (54%)

Yellow (74%)

Blue (54%)

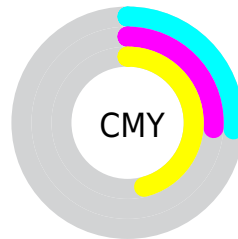


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.635, 107.628 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 75, 26.635, 107.628 by changing the saturation by 10% instead.


 75, 26.635,
107.628


 75, 26.635,
107.628


 100, 26.635,
107.628


 65, 26.635,
107.628


 95, 26.635,
107.628

 55, 26.635,
107.628

 45, 26.635,
107.628

 35, 26.635,
107.628

 25, 26.635,
107.628

 15, 26.635,
107.628

 5, 26.635, 107.628

■ 0, 26.635, 107.628

■ 75, 26.635,
107.628

■ 75, 26.635,
107.628

■ 75, 36.355,
106.687

■ 75, 16.713,
108.592

■ 74, 45.720,
105.779

■ 76, 6.681, 109.546

■ 74, 54.506,
104.937

■ 76, 3.398, 290.519

■ 74, 62.380,
104.194

■ 77, 13.484,
291.427

■ 74, 68.907,
103.590

■ 77, 23.547,
292.315

■ 74, 73.622,
103.161

■ 78, 33.569,
293.167

■ 78, 36.107,

■ 74, 76.279,
102.924

293.379

■ 74, 76.955,
102.864

■ 78, 36.107,
293.380

■ 78, 36.107,
293.382

Harmonies

Complementary

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



75, 26.635, 107.628



59, 28.367, 293.338

Rectangle

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



75, 26.635, 107.628



75, 26.635, 157.628



75, 26.635, 287.628



75, 26.635, 337.628

Sweetspot

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



75, 26.637, 107.632



96, 9.990, 109.405



62, 20.491, 21.492



51, 7.096, 109.262



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 26.637, 107.632



95, 39.550, 107.072



73, 28.567, 127.848



40, 5.728, 109.289



63, 67.797, 102.864



11, 16.898, 107.655

Inverse Universe

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



59, 28.367, 293.338



71, 42.821, 294.237



61, 29.631, 310.337



36, 5.854, 291.145



18, 93.615, 306.288



1, 17.439, 290.643

Previews

White Background



This preview shows how the CIELCh color 75, 26.635, 107.628 looks on a white background.

Color Contrast Check

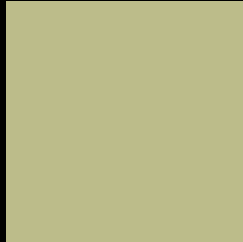
Large Text (above 18pt) WCAG AA × Fail

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 75, 26.635, 107.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

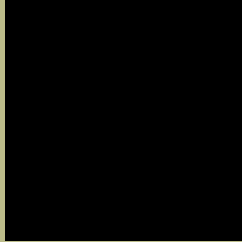
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

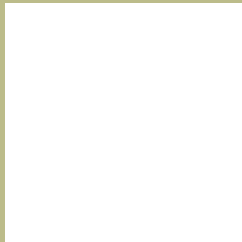
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 26.635, 107.628

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.635, 107.628.

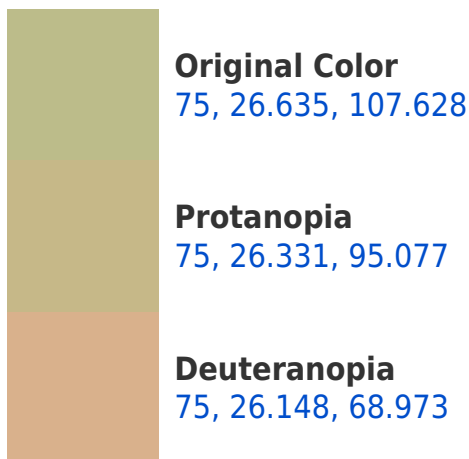



This preview shows how white text looks on a background with the CIELCh color 75, 26.635, 107.628.

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](#).

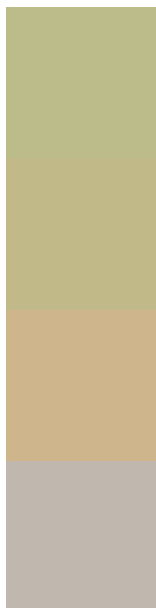
Dichromacy





Tritanopia
75, 9.407, 326.688

Trichromacy



Original Color
75, 26.635, 107.628

Protanomaly
75, 25.918, 99.540

Deuteranomaly
75, 24.878, 83.559

Tritanomaly
75, 5.922, 74.228

Monochromacy



Original Color
75, 26.635, 107.628

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.686, 109.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.635, 107.628 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(188, 188, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 138)  
}
```

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(188, 188, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.635, 107.628 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(188, 188, 138) }
```

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

```
.border{ border-color:rgb(188, 188, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 138);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.635, 107.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 138) }
```

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

```
.background{ background-color: rgb(188,  
188, 138) }
```

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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