

Converting Colors

CIELCh(75, 28.546, 108.252)

Have a look what the booklet for
CIELCh(75, 28.546, 108.252)
contains.

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Color

CIELCh(75, 28.732, 108.237)

Conversions

Conversions Part 1

Format	Color
Hex	BBBC86
RGB	187, 188, 134
RGB Percent	73%, 74%, 53%
CMY	0.2665, 0.2626, 0.4743
CMYK	0.01, 0.00, 0.29, 0.26
HSL	61°, 29%, 63%
HSV	61°, 29%, 74%
XYZ	42.8030, 48.2781, 29.6321
YIQ	181.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

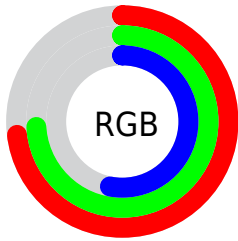
Format	Color
RYB	134, 188, 135
Decimal	12303494
CIELab	75.00, -8.99, 27.29
CIELCh	75, 28.732, 108.237
Yxy	48.2781, 0.3546, 0.3999
Android (android.graphics.Color)	4290493574 (0xFFBBC86)
YUV	181.5450, -23.4397, 4.7840
Hunter-Lab	69.4824, -11.6337, 23.3523

Details

The CIELCh color `75, 28.732, 108.237` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `58, 30.775, 294.254`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 28.457, 107.941`, and `55, 28.662, 108.430` is the 20% darker color. If you saturate the color by 10%, you get `75, 38.410, 107.329`, and if you desaturate by 10%, it is `75, 18.825, 109.171`.

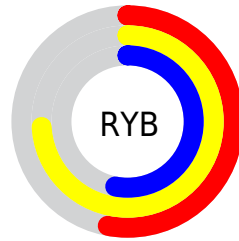
Distribution



Red (73%)

Green (74%)

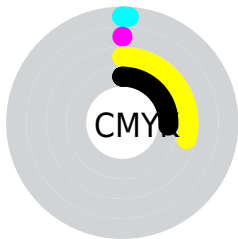
Blue (53%)



Red (53%)

Yellow (74%)

Blue (53%)

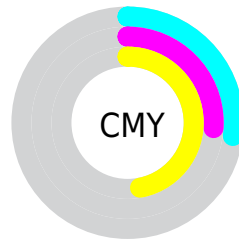


Cyan (1%)

Magenta (0%)

Yellow (29%)

Black (26%)



Cyan (27%)


Magenta (26%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 28.732, 108.237 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, 28.732, 108.237 by changing the saturation by 10% instead.


 75, 28.732,
108.237


 75, 28.732,
108.237


 100, 28.732,
108.237


 65, 28.732,
108.237


 95, 28.732,
108.237

 55, 28.732,
108.237

 45, 28.732,
108.237

 35, 28.732,
108.237

 25, 28.732,
108.237

 15, 28.732,
108.237

 5, 28.732, 108.237

0, 28.732, 108.237

75, 28.732,
108.237

75, 28.732,
108.237

75, 38.410,
107.329

75, 18.825,
109.171

74, 47.693,
106.461

76, 8.790, 110.101

74, 56.335,
105.668

76, 1.304, 291.070

74, 63.982,
104.989

77, 11.411,
291.930

74, 70.183,
104.467

78, 21.502,
292.795

74, 74.485,
104.144

78, 31.553,
293.625

79, 35.882,

■ 74, 76.847,
104.018

294.071

■ 74, 77.107,
104.006

■ 79, 35.885,
294.247

■ 79, 35.888,
294.423

Harmonies

Complementary

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



75, 28.732, 108.237



58, 30.775, 294.254

Rectangle

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



75, 28.732, 108.237



75, 28.732, 158.237



75, 28.732, 288.237



75, 28.732, 338.237

Sweetspot

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



75, 28.734, 108.241



96, 11.241, 110.061



61, 21.958, 22.962



51, 7.806, 109.927



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, 28.734, 108.241



95, 41.956, 107.705



73, 30.964, 128.338



40, 5.729, 110.042



63, 67.820, 103.991



11, 16.910, 108.821

Inverse Universe

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



58, 30.775, 294.254



70, 45.700, 295.140



60, 32.167, 311.000



36, 5.855, 291.839



18, 93.514, 306.353



1, 17.442, 291.157

Previews

White Background



This preview shows how the CIELCh color 75, 28.732, 108.237 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, 28.732, 108.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

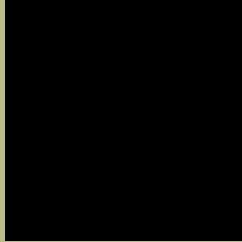
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 28.732, 108.237

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.732, 108.237.



This preview shows how white text looks on a background with the CIELCh color 75, 28.732, 108.237.

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
75, 28.732, 108.237

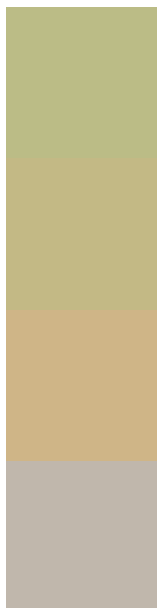
Protanopia
75, 28.491, 94.912

Deuteranopia
75, 28.178, 70.723



Tritanopia
75, 9.407, 326.688

Trichromacy



Original Color
75, 28.732, 108.237

Protanomaly
75, 28.066, 99.063

Deuteranomaly
75, 27.030, 84.291

Tritanomaly
75, 6.837, 79.286

Monochromacy



Original Color
75, 28.732, 108.237

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.223, 109.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.732, 108.237 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(187, 188, 134)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 134)  
}
```

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(187, 188, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.732, 108.237 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(187, 188, 134) }
```

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

```
.border{ border-color:rgb(187, 188, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 188, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 188, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 188, 134);  
box-shadow:4px 4px 4px 4px rgb(187, 188,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.732, 108.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 188, 134) }
```

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

```
.background{ background-color: rgb(187,  
188, 134) }
```

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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