

Converting Colors

CIELCh(75, 32.336, 107.086)

Have a look what the booklet for
CIELCh(75, 32.336, 107.086)
contains.

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Color

CIELCh(75, 32.364, 107.071)

Conversions

Conversions Part 1

Format	Color
Hex	BCBC7F
RGB	188, 188, 127
RGB Percent	74%, 74%, 50%
CMY	0.2621, 0.2621, 0.5014
CMYK	0.00, 0.00, 0.32, 0.26
HSL	60°, 31%, 62%
HSV	60°, 32%, 74%
XYZ	42.6327, 48.2781, 27.1989
YIQ	181.0460, 19.5810, -18.9710

Conversions

Conversions Part 2

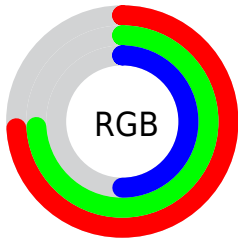
Format	Color
RYB	127, 188, 127
Decimal	12369023
CIELab	75.00, -9.50, 30.94
CIElCh	75, 32.364, 107.071
Yxy	48.2781, 0.3610, 0.4088
Android (android.graphics.Color)	4290559103 (0xFFBCBC7F)
YUV	181.0460, -26.6447, 6.0987
Hunter-Lab	69.4824, -12.0712, 25.4286

Details

The CIELCh color **75, 32.364, 107.071** is a light color, and the websafe version is hex **C9CC99**. A complement of this color would be **55, 35.033, 294.216**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 32.464, 106.941**, and **55, 32.403, 106.992** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.923, 106.148**, and if you desaturate by 10%, it is **75, 22.524, 108.028**.

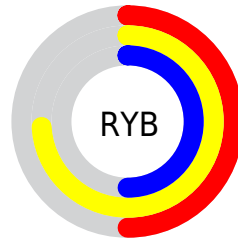
Distribution



Red (74%)

Green (74%)

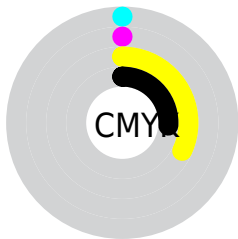
Blue (50%)



Red (50%)

Yellow (74%)

Blue (50%)

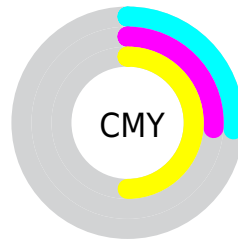


Cyan (0%)

Magenta (0%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 32.364, 107.071 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, 32.364, 107.071 by changing the saturation by 10% instead.


 75, 32.364,
107.071


 75, 32.364,
107.071


 100, 32.364,
107.071


 65, 32.364,
107.071


 95, 32.364,
107.071

 55, 32.364,
107.071

 45, 32.364,
107.071

 35, 32.364,
107.071

 25, 32.364,
107.071

 15, 32.364,
107.071

 5, 32.364, 107.071

0, 32.364, 107.071

75, 32.364,
107.071

75, 32.364,
107.071

75, 41.923,
106.148

75, 22.524,
108.028

74, 51.007,
105.274

76, 12.523,
108.989

74, 59.331,
104.484

76, 2.442, 109.925

77, 7.666, 290.895

74, 66.498,
103.816

77, 17.768,
291.800

74, 72.037,
103.309

78, 27.839,
292.674

74, 75.553,
102.993

78, 35.813,

■ 74, 77.113,
102.854

293.342

■ 78, 35.813,
293.342

■ 78, 35.813,
293.342

Harmonies

Complementary

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



75, 32.364, 107.071



55, 35.033, 294.216

Rectangle

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



75, 32.364, 107.071



75, 32.364, 157.071



75, 32.364, 287.071



75, 32.364, 337.071

Sweetspot

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



75, 32.365, 107.074



96, 12.485, 109.206



59, 25.538, 22.183



51, 8.513, 109.071



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, 32.365, 107.074



95, 47.879, 106.402



73, 34.779, 127.568



40, 5.728, 109.283



63, 67.797, 102.854



11, 16.897, 107.645

Inverse Universe

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



55, 35.033, 294.216



65, 52.987, 295.432



58, 36.390, 310.646



36, 5.854, 291.139



18, 93.616, 306.287



1, 17.439, 290.639

Previews

White Background



This preview shows how the CIELCh color 75, 32.364, 107.071 looks on a white background.

Color Contrast Check

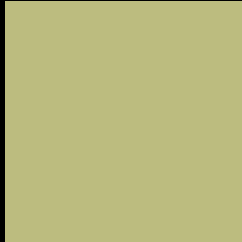
Large Text (above 18pt) WCAG AA × Fail

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, 32.364, 107.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

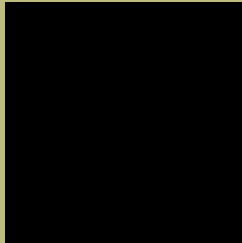
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 32.364, 107.071

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.364, 107.071.



This preview shows how white text looks on a background with the CIELCh color 75, 32.364, 107.071.

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, 32.364, 107.071

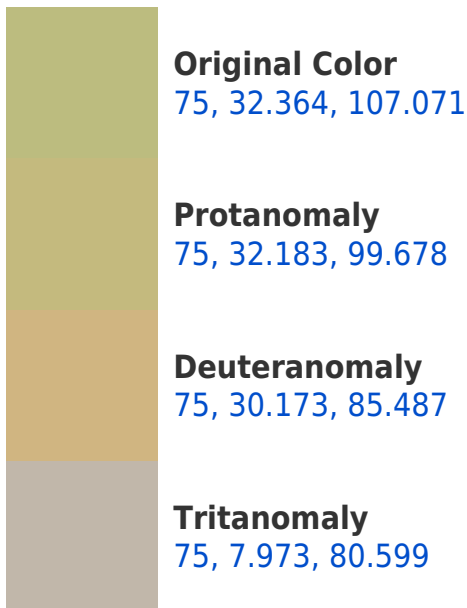
Protanopia
75, 31.668, 95.006

Deuteranopia
75, 31.396, 72.540



Tritanopia
75, 9.629, 328.489

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.364, 107.071 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.364, 107.071 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, 127) }
```

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

```
.border{ border-color:rgb(188, 188, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 127);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.364, 107.071 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, 127) }
```

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

```
.background{ background-color: rgb(188,  
188, 127) }
```

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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