

Converting Colors

CIELCh(75, 30.082, 107.301)

Have a look what the booklet for
CIELCh(75, 30.082, 107.301)
contains.

CIELCh(75, 30.290, 107.273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 30.290, 107.273)

Conversions

Conversions Part 1

Format	Color
Hex	BCBC83
RGB	188, 188, 131
RGB Percent	74%, 74%, 51%
CMY	0.2629, 0.2628, 0.4864
CMYK	0.00, 0.00, 0.30, 0.26
HSL	60°, 30%, 63%
HSV	60°, 30%, 74%
XYZ	42.8022, 48.2781, 28.5247
YIQ	181.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

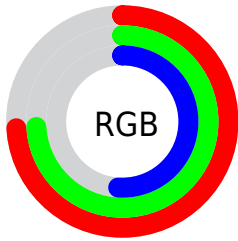
Format	Color
RYB	131, 188, 131
Decimal	12369027
CIELab	75.00, -8.99, 28.92
CIELCh	75, 30.290, 107.273
Yxy	48.2781, 0.3579, 0.4036
Android (android.graphics.Color)	4290559107 (0xFFBCBC83)
YUV	181.5020, -24.8975, 5.6987
Hunter-Lab	69.4824, -11.6356, 24.2973

Details

The CIELCh color **75, 30.290, 107.273** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 32.590, 293.888**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.464, 107.059**, and **55, 30.269, 107.306** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.915, 106.342**, and if you desaturate by 10%, it is **75, 20.416, 108.233**.

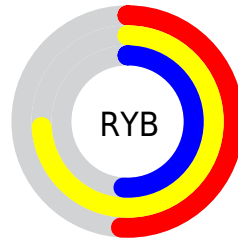
Distribution



Red (74%)

Green (74%)

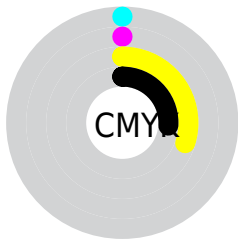
Blue (51%)



Red (51%)

Yellow (74%)

Blue (51%)

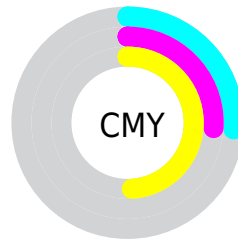


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 30.290, 107.273 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, 30.290, 107.273 by changing the saturation by 10% instead.


 75, 30.290,
107.273


 75, 30.290,
107.273


 100, 30.290,
107.273


 65, 30.290,
107.273


 95, 30.290,
107.273

 55, 30.290,
107.273

 45, 30.290,
107.273

 35, 30.290,
107.273

 25, 30.290,
107.273

 15, 30.290,
107.273

 5, 30.290, 107.273

■ 0, 30.290, 107.273

■ 75, 30.290,
107.273

■ 75, 30.290,
107.273

■ 75, 39.915,
106.342

■ 75, 20.416,
108.233

■ 74, 49.111,
105.455

■ 76, 10.401,
109.193

■ 74, 57.617,
104.644

■ 76, 0.318, 109.959

■ 77, 9.783, 291.089

■ 74, 65.060,
103.948

■ 77, 19.872,
291.989

■ 74, 70.977,
103.404

■ 78, 29.926,
292.855

■ 74, 74.936,
103.047

■ 78, 35.916,

■ 74, 77.057,
102.858

293.355

■ 78, 35.916,
293.356

■ 78, 35.916,
293.357

Harmonies

Complementary

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



75, 30.290, 107.273



57, 32.590, 293.888

Rectangle

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



75, 30.290, 107.273



75, 30.290, 157.273



75, 30.290, 287.273



75, 30.290, 337.273

Sweetspot

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



75, 30.291, 107.277



96, 11.238, 109.305



60, 23.682, 21.920



51, 7.805, 109.166



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, 30.291, 107.277



95, 44.335, 106.687



73, 32.527, 127.669



40, 5.728, 109.285



63, 67.797, 102.858



11, 16.898, 107.650

Inverse Universe

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



57, 32.590, 293.888



68, 48.594, 294.904



59, 33.925, 310.533



36, 5.854, 291.142



18, 93.615, 306.288



1, 17.439, 290.641

Previews

White Background



This preview shows how the CIELCh color 75, 30.290, 107.273 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, 30.290, 107.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

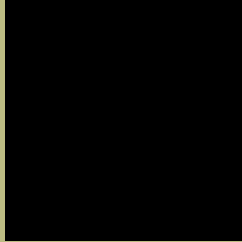
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.290, 107.273

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.290, 107.273.



This preview shows how white text looks on a background with the CIELCh color 75, 30.290, 107.273.

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, 30.290, 107.273

Protanopia

75, 30.035, 95.361

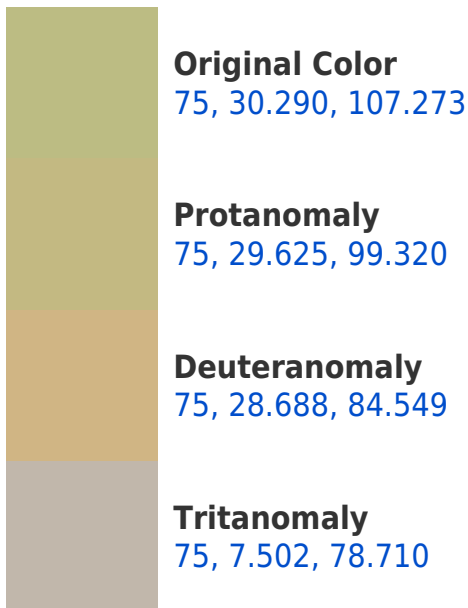
Deuteranopia

75, 29.783, 71.692



Tritanopia
75, 9.629, 328.489

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.290, 107.273 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.290, 107.273 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, 131) }
```

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

```
.border{ border-color:rgb(188, 188, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 131);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.290, 107.273 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, 131) }
```

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

```
.background{ background-color: rgb(188,  
188, 131) }
```

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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