

Converting Colors

CIELCh(75, 30.839, 85.051)

Have a look what the booklet for
CIELCh(75, 30.839, 85.051) contains.

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Color

CIELCh(75, 30.839, 85.051)

Conversions

Conversions Part 1

Format	Color
Hex	D1B580
RGB	209, 181, 128
RGB Percent	82%, 71%, 50%
CMY	0.1796, 0.2894, 0.4973
CMYK	0.00, 0.13, 0.39, 0.18
HSL	39°, 47%, 66%
HSV	39°, 39%, 82%
XYZ	46.8269, 48.2781, 27.3379
YIQ	183.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

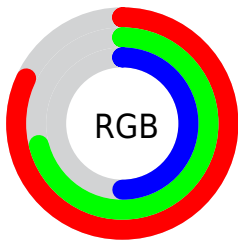
Format	Color
R _Y B	171, 209, 128
Decimal	13743488
CIE Lab	75.00, 2.66, 30.72
CIE LCh	75, 30.839, 85.051
Yxy	48.2781, 0.3824, 0.3943
Android (android.graphics.Color)	4291933568 (0xFFD1B580)
YUV	183.3300, -27.2777, 22.5126
Hunter-Lab	69.4824, -1.2961, 25.3101

Details

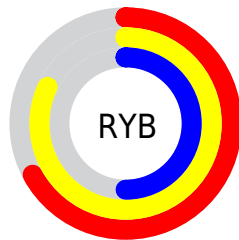
The CIELCh color **75, 30.839, 85.051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 30.425, 276.603**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.464, 94.127**, and **55, 30.730, 84.797** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.100, 83.651**, and if you desaturate by 10%, it is **77, 22.650, 86.419**.

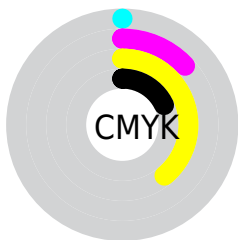
Distribution



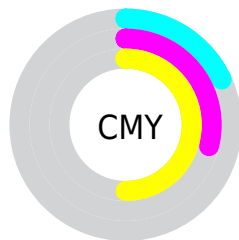
- Red (82%)
- Green (71%)
- Blue (50%)



- Red (67%)
- Yellow (82%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 30.839, 85.051 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, 30.839, 85.051 by changing the saturation by 10% instead.

75, 30.839, 85.051

75, 30.839, 85.051

100, 30.839,
85.051

65, 30.839, 85.051

95, 30.839, 85.051

55, 30.839, 85.051

45, 30.839, 85.051

35, 30.839, 85.051

25, 30.839, 85.051

15, 30.839, 85.051

5, 30.839, 85.051

0, 30.839, 85.051

75, 30.839, 85.051

75, 30.839, 85.051

73, 39.100, 83.651

77, 22.650, 86.419

71, 47.284, 82.192

80, 14.601, 87.740

69, 55.114, 80.649

82, 6.722, 89.004

67, 62.096, 78.949

84, 0.980, 270.546

65, 67.480, 76.955

87, 8.510, 271.504

63, 70.685, 74.520

89, 15.878,
272.630

63, 71.056, 74.209

91, 13.987,
258.664

93, 12.707,
239.472

95, 13.005,
218.945

Harmonies

Complementary

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



75, 30.839, 85.051



64, 30.425, 276.603

Rectangle

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



75, 30.839, 85.051



75, 30.839, 135.051



75, 30.839, 265.051



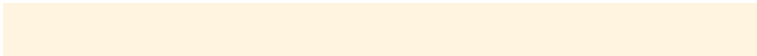
75, 30.839, 315.051

Sweetspot

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



75, 30.840, 85.056



97, 10.901, 88.582



63, 35.014, 357.075



51, 7.242, 88.415



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 30.840, 85.056



88, 43.283, 83.964



81, 42.198, 113.183



43, 4.373, 88.921



51, 60.438, 74.703



11, 16.639, 77.270

Inverse Universe

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



64, 30.425, 276.603



73, 42.692, 278.448



58, 46.370, 299.854



41, 4.366, 271.395



29, 69.738, 295.634



4, 19.463, 282.542

Previews

White Background



This preview shows how the CIELCh color 75, 30.839, 85.051 looks on a white background.

Color Contrast Check

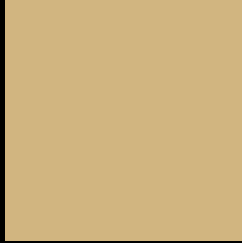
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 30.839, 85.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

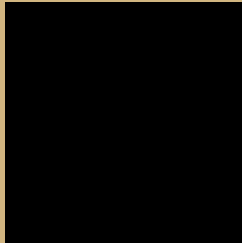
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.839, 85.051

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.839, 85.051.

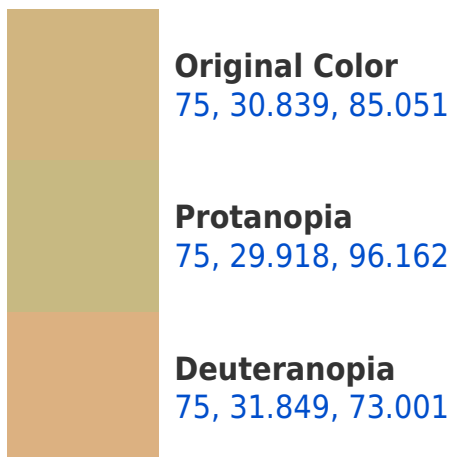


This preview shows how white text looks on a background with the CIELCh color 75, 30.839, 85.051.

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](#).

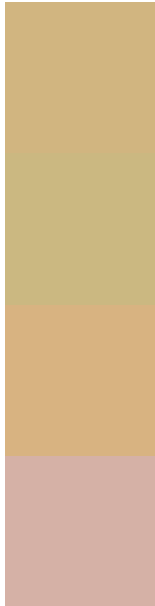
Dichromacy





Tritanopia
75, 16.988, 356.691

Trichromacy



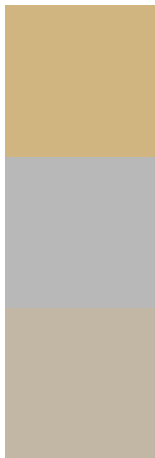
Original Color
75, 30.839, 85.051

Protanomaly
75, 30.452, 92.281

Deuteranomaly
75, 31.248, 77.726

Tritanomaly
75, 15.445, 42.805

Monochromacy



Original Color
75, 30.839, 85.051

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 10.932, 88.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.839, 85.051 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(209, 181, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 181, 128)  
}
```

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(209, 181, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 181, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.839, 85.051 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(209, 181, 128) }
```

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

```
.border{ border-color:rgb(209, 181, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 181, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 181, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 181, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 181,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.839, 85.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 181, 128) }
```

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

```
.background{ background-color: rgb(209,  
181, 128) }
```

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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