

Converting Colors

CIELCh(75, 30.745, 93.424)

Have a look what the booklet for
CIELCh(75, 30.745, 93.424) contains.

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Color

CIELCh(75, 30.849, 93.213)

Conversions

Conversions Part 1

Format	Color
Hex	CAB880
RGB	202, 184, 128
RGB Percent	79%, 72%, 50%
CMY	0.2087, 0.2792, 0.4988
CMYK	0.00, 0.09, 0.37, 0.21
HSL	45°, 41%, 65%
HSV	45°, 37%, 79%
XYZ	45.2827, 48.2781, 27.2882
YIQ	182.9980, 28.7040, -13.6000

Conversions

Conversions Part 2

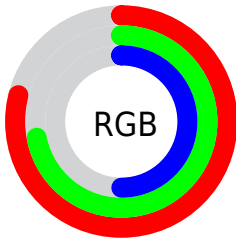
Format	Color
RYB	152, 202, 128
Decimal	13285504
CIELab	75.00, -1.73, 30.80
CIELCh	75, 30.849, 93.213
Yxy	48.2781, 0.3747, 0.3995
Android (android.graphics.Color)	4291475584 (0xFFCAB880)
YUV	182.9980, -27.1140, 16.6648
Hunter-Lab	69.4824, -5.2632, 25.3525

Details

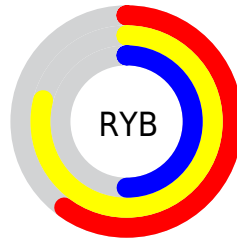
The CIELCh color **75, 30.849, 93.213** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 31.803, 283.320**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.616, 96.808**, and **55, 30.807, 92.824** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.272, 91.926**, and if you desaturate by 10%, it is **77, 22.364, 94.480**.

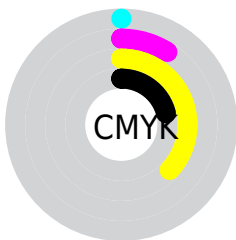
Distribution



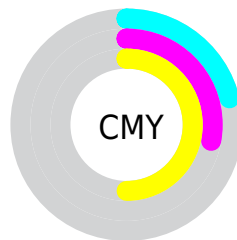
- Red (79%)
- Green (72%)
- Blue (50%)



- Red (60%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (37%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 30.849, 93.213 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, 30.849, 93.213 by changing the saturation by 10% instead.

■ 75, 30.849, 93.213

■ 75, 30.849, 93.213

■ 100, 30.849,
93.213

■ 65, 30.849, 93.213

■ 95, 30.849, 93.213

■ 55, 30.849, 93.213

■ 45, 30.849, 93.213

■ 35, 30.849, 93.213

■ 25, 30.849, 93.213

■ 15, 30.849, 93.213

■ 5, 30.849, 93.213

■ 0, 30.849, 93.213

■ 75, 30.849, 93.213

■ 75, 30.849, 93.213

73, 39.272, 91.926

77, 22.364, 94.480

72, 47.467, 90.605

78, 13.906, 95.707

70, 55.149, 89.247

80, 5.522, 96.882

69, 61.851, 87.825

82, 2.764, 278.135

68, 66.915, 86.279

84, 10.944,
279.192

66, 69.718, 84.516

86, 19.015,
280.242

66, 70.406, 83.908

87, 19.877,
276.134

88, 17.880,
268.571

89, 16.260,
259.383

Harmonies

Complementary

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



75, 30.849, 93.213



61, 31.803, 283.320

Rectangle

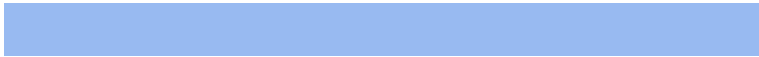
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 30.849, 93.213



75, 30.849, 143.213



75, 30.849, 273.213



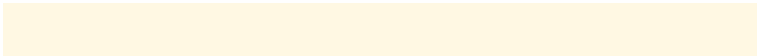
75, 30.849, 323.213

Sweetspot

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



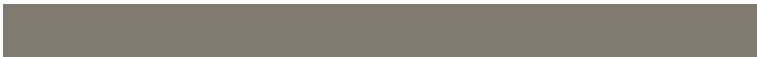
75, 30.850, 93.218



98, 11.064, 96.364



62, 31.113, 3.882



52, 7.441, 96.202



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, 30.850, 93.218



91, 44.792, 92.194



78, 39.374, 117.618



42, 4.754, 96.568



55, 60.901, 84.217



11, 16.737, 88.087

Inverse Universe

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



61, 31.803, 283.320



71, 46.679, 285.016



58, 42.672, 302.776



40, 4.793, 278.866



25, 79.978, 300.639



3, 19.633, 285.541

Previews

White Background



This preview shows how the CIELCh color 75, 30.849, 93.213 looks on a white background.

Color Contrast Check

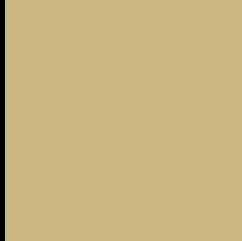
Large Text (above 18pt) WCAG AA × Fail

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, 30.849, 93.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

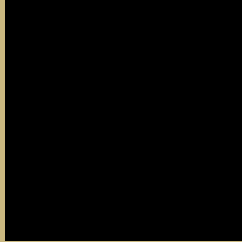
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.849, 93.213

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.849, 93.213.



This preview shows how white text looks on a background with the CIELCh color 75, 30.849, 93.213.

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, 30.849, 93.213

Protanopia

75, 31.034, 95.647

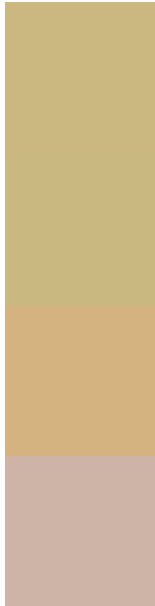
Deuteranopia

75, 31.849, 73.001



Tritanopia
75, 14.487, 349.375

Trichromacy



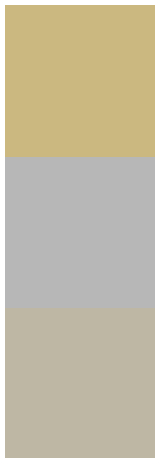
Original Color
75, 30.849, 93.213

Protanomaly
75, 31.127, 94.893

Deuteranomaly
75, 30.594, 79.757

Tritanomaly
75, 12.430, 51.227

Monochromacy



Original Color
75, 30.849, 93.213

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.094, 94.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.849, 93.213 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(202, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 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(202, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.849, 93.213 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(202, 184, 128) }
```

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

```
.border{ border-color:rgb(202, 184, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 184, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.849, 93.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 184, 128) }
```

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

```
.background{ background-color: rgb(202,  
184, 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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