

Converting Colors

CIELCh(75, 17.019, 78.938)

Have a look what the booklet for
CIELCh(75, 17.019, 78.938) contains.

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Color

CIELCh(75, 17.284, 79.615)

Conversions

Conversions Part 1

Format	Color
Hex	CBB69A
RGB	203, 182, 154
RGB Percent	80%, 71%, 60%
CMY	0.2053, 0.2876, 0.3974
CMYK	0.00, 0.10, 0.24, 0.21
HSL	34°, 32%, 70%
HSV	34°, 24%, 79%
XYZ	46.9891, 48.2781, 37.2634
YIQ	185.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

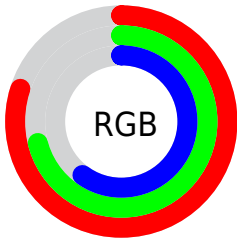
Format	Color
R _Y B	191, 203, 154
Decimal	13350554
CIE Lab	75.00, 3.12, 17.00
CIE LCh	75, 17.284, 79.615
Yxy	48.2781, 0.3546, 0.3643
Android (android.graphics.Color)	4291540634 (0xFFCBB69A)
YUV	185.0870, -15.3259, 15.7097
Hunter-Lab	69.4824, -0.8797, 16.8405

Details

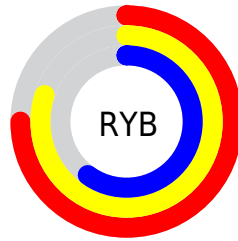
The CIELCh color $75, 17.284, 79.615$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 16.658, 266.410$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 16.631, 86.399$, and $55, 17.066, 79.479$ is the 20% darker color. If you saturate the color by 10%, you get $72, 24.863, 78.285$, and if you desaturate by 10%, it is $78, 9.956, 80.922$.

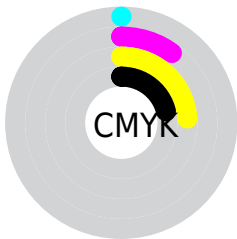
Distribution



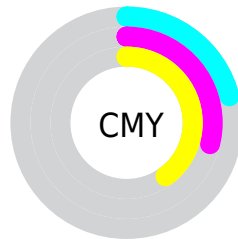
- Red (80%)
- Green (71%)
- Blue (60%)



- Red (75%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (21%)



- Cyan (21%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 17.284, 79.615 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, 17.284, 79.615 by changing the saturation by 10% instead.

■ 75, 17.284, 79.615

■ 75, 17.284, 79.615

■ 100, 17.284,
79.615

■ 65, 17.284, 79.615

■ 95, 17.284, 79.615

■ 55, 17.284, 79.615

■ 45, 17.284, 79.615

■ 35, 17.284, 79.615

■ 25, 17.284, 79.615

■ 15, 17.284, 79.615

■ 5, 17.284, 79.615

■ 0, 17.284, 79.615

■ 75, 17.284, 79.615

■ 75, 17.284, 79.615

72, 24.863, 78.285

78, 9.956, 80.922

70, 32.669, 76.912

80, 2.875, 82.121

67, 40.633, 75.500

83, 3.972, 263.545

65, 48.597, 74.021

86, 10.605,
264.686

63, 56.235, 72.410

89, 17.043,
265.817

60, 62.958, 70.527

58, 67.894, 68.125

91, 14.811,
247.274

57, 70.072, 66.550

93, 14.458,
225.470

96, 16.068,
205.635

97, 17.293,
198.359

Harmonies

Complementary

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



75, 17.284, 79.615



71, 16.658, 266.410

Rectangle

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



75, 17.284, 79.615



75, 17.284, 129.615



75, 17.284, 259.615



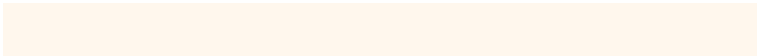
75, 17.284, 309.615

Sweetspot

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



75, 17.285, 79.623



98, 5.851, 81.797



69, 21.948, 349.719



52, 3.806, 81.725



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, 17.285, 79.623



91, 25.220, 78.929



80, 25.803, 110.718



42, 3.973, 81.519



47, 60.267, 67.103



9, 14.541, 67.102

Inverse Universe

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



71, 16.658, 266.410



84, 24.089, 267.398



65, 27.300, 295.288



41, 3.927, 264.049



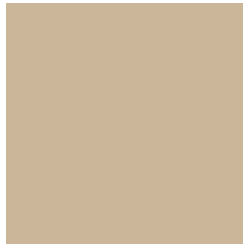
32, 59.585, 289.965



5, 16.493, 276.731

Previews

White Background



This preview shows how the CIELCh color 75, 17.284, 79.615 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, 17.284, 79.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

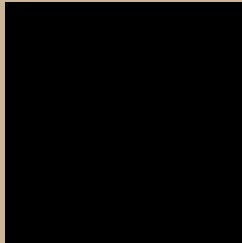
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

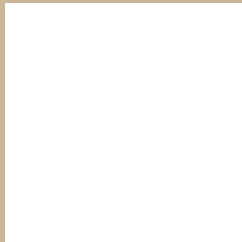
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 17.284, 79.615

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.284, 79.615.



This preview shows how white text looks on a background with the CIELCh color 75, 17.284, 79.615.

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, 17.284, 79.615

Protanopia

75, 16.173, 93.010

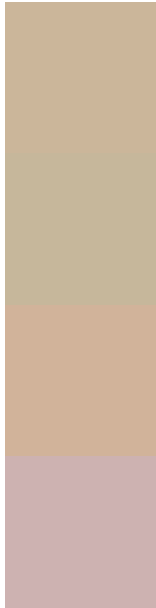
Deuteranopia

75, 19.272, 61.854



Tritanopia
75, 13.848, 347.657

Trichromacy



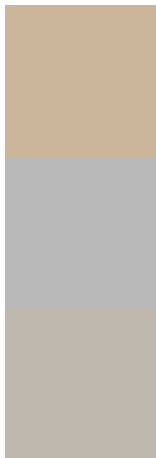
Original Color
75, 17.284, 79.615

Protanomaly
75, 16.200, 87.095

Deuteranomaly
75, 18.179, 67.289

Tritanomaly
75, 10.375, 23.181

Monochromacy



Original Color
75, 17.284, 79.615

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.988, 83.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 17.284, 79.615 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(203, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(203, 182, 154)  
}
```

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(203, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 182, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.284, 79.615 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(203, 182, 154) }
```

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

```
.border{ border-color:rgb(203, 182, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(203, 182,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.284, 79.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 182, 154) }
```

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

```
.background{ background-color: rgb(203,  
182, 154) }
```

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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