

Converting Colors

CIELCh(85, 19.592, 103.766)

Have a look what the booklet for
CIELCh(85, 19.592, 103.766)
contains.

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Color

CIELCh(85, 19.890, 104.008)

Conversions

Conversions Part 1

Format	Color
Hex	DAD6B0
RGB	218, 214, 176
RGB Percent	85%, 84%, 69%
CMY	0.1458, 0.1615, 0.3105
CMYK	0.00, 0.02, 0.19, 0.15
HSL	54°, 36%, 77%
HSV	54°, 19%, 85%
XYZ	60.6792, 66.0070, 50.5260
YIQ	210.8640, 14.5820, -10.9700

Conversions

Conversions Part 2

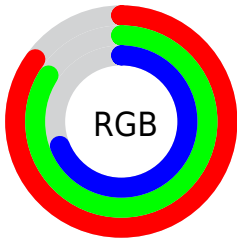
Format	Color
RYB	180, 218, 176
Decimal	14341808
CIELab	85.00, -4.81, 19.30
CIElCh	85, 19.890, 104.008
Yxy	66.0070, 0.3424, 0.3725
Android (android.graphics.Color)	4292531888 (0xFFDAD6B0)
YUV	210.8640, -17.1880, 6.2583
Hunter-Lab	81.2447, -8.8621, 19.9989

Details

The CIELCh color **85, 19.890, 104.008** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 20.603, 288.355**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **65, 19.888, 103.255** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.143, 102.942**, and if you desaturate by 10%, it is **86, 9.572, 105.068**.

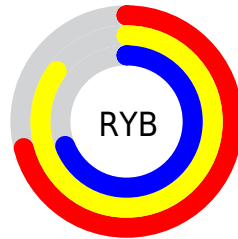
Distribution



Red (85%)

Green (84%)

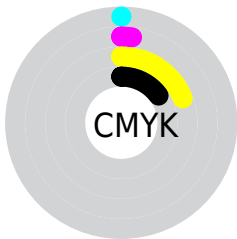
Blue (69%)



Red (71%)

Yellow (85%)

Blue (69%)

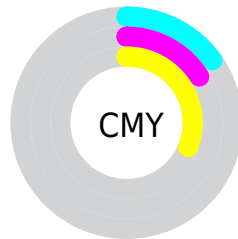


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (16%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.890, 104.008 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 85, 19.890, 104.008 by changing the saturation by 10% instead.


 85, 19.890,
104.008


 85, 19.890,
104.008


 100, 19.890,
104.008


 75, 19.890,
104.008

 65, 19.890,
104.008

 55, 19.890,
104.008

 45, 19.890,
104.008

 35, 19.890,
104.008

 25, 19.890,
104.008

 15, 19.890,

104.008

■ 5, 19.890, 104.008

■ 0, 19.890, 104.008

■ 85, 19.890,
104.008

■ 85, 19.890,
104.008

■ 84, 30.143,
102.942

■ 86, 9.572, 105.068

■ 83, 40.226,
101.868

■ 87, 0.755, 286.262

■ 82, 49.975,
100.808

■ 88, 11.051,
287.129

■ 82, 59.122, 99.782

■ 89, 17.173,
286.774

■ 81, 67.260, 98.809

■ 90, 16.134,
283.889

■ 80, 73.828, 97.910

■ 90, 15.142,
280.628

■ 80, 78.214, 97.091

■ 91, 14.206,
276.937

■ 79, 80.272, 96.338

■ 79, 80.390, 96.285

■ 91, 13.335,
272.760

■ 92, 12.545,
268.043

Harmonies

Complementary

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



85, 19.890, 104.008



74, 20.603, 288.355

Rectangle

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



85, 19.890, 104.008



85, 19.890, 154.008



85, 19.890, 284.008



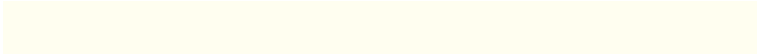
85, 19.890, 334.008

Sweetspot

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



85, 19.892, 104.014



99, 7.029, 105.399



76, 16.288, 12.894



53, 4.663, 105.332



0, 0.000, 0.000



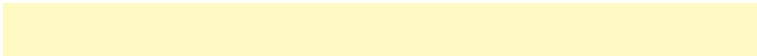
53, 0.007, 296.813

Same Dimension

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



85, 19.892, 104.014



97, 26.953, 103.594



85, 22.842, 124.538



46, 5.889, 105.051



64, 67.877, 96.394



17, 24.124, 98.676

Inverse Universe

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



74, 20.603, 288.355



82, 28.136, 288.919



74, 23.587, 306.531



42, 5.995, 287.094



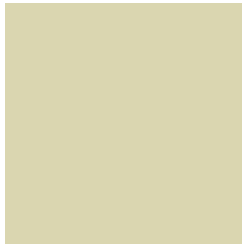
22, 95.575, 304.969



3, 27.651, 292.816

Previews

White Background



This preview shows how the CIELCh color 85, 19.890, 104.008 looks on a white background.

Color Contrast Check

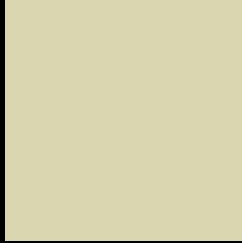
Large Text (above 18pt) WCAG AA × Fail

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 85, 19.890, 104.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

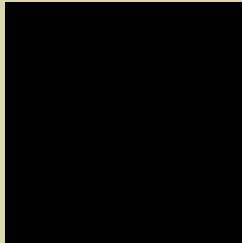
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

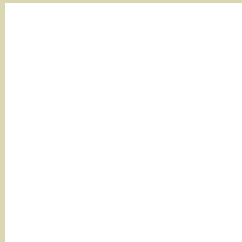
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 19.890, 104.008

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.890, 104.008.



This preview shows how white text looks on a background with the CIELCh color 85, 19.890, 104.008.

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

85, 19.890, 104.008

Protanopia

85, 19.897, 94.934

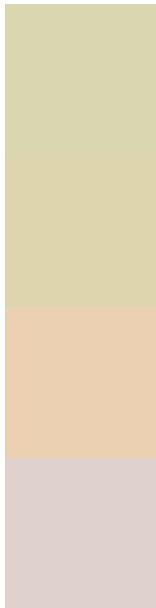
Deuteranopia

85, 21.255, 59.770



Tritanopia
85, 10.443, 326.459

Trichromacy



Original Color
85, 19.890, 104.008

Protanomaly
85, 20.148, 98.473

Deuteranomaly
85, 19.441, 75.885

Tritanomaly
85, 5.032, 37.821

Monochromacy



Original Color
85, 19.890, 104.008

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.343, 106.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.890, 104.008 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(218, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 176)  
}
```

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(218, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.890, 104.008 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(218, 214, 176) }
```

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

```
.border{ border-color:rgb(218, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.890, 104.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 176) }
```

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

```
.background{ background-color: rgb(218,  
214, 176) }
```

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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