

Converting Colors

CIELCh(85, 16.941, 104.060)

Have a look what the booklet for
CIELCh(85, 16.941, 104.060)
contains.

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Color

CIELCh(85, 17.271, 104.875)

Conversions

Conversions Part 1

Format	Color
Hex	D9D6B5
RGB	217, 214, 181
RGB Percent	85%, 84%, 71%
CMY	0.1500, 0.1617, 0.2911
CMYK	0.00, 0.01, 0.17, 0.15
HSL	55°, 32%, 78%
HSV	55°, 17%, 85%
XYZ	60.8403, 66.0070, 53.1206
YIQ	211.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

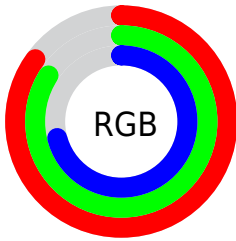
Format	Color
RYB	184, 217, 181
Decimal	14276277
CIELab	85.00, -4.43, 16.69
CIELCh	85, 17.271, 104.875
Yxy	66.0070, 0.3381, 0.3668
Android (android.graphics.Color)	4292466357 (0xFFD9D6B5)
YUV	211.1350, -14.8566, 5.1436
Hunter-Lab	81.2447, -8.5080, 18.1055

Details

The CIELCh color $85, 17.271, 104.875$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $75, 17.820, 288.538$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 9.112, 109.487$, and $65, 17.132, 104.217$ is the 20% darker color. If you saturate the color by 10%, you get $84, 27.621, 103.826$, and if you desaturate by 10%, it is $86, 6.866, 105.915$.

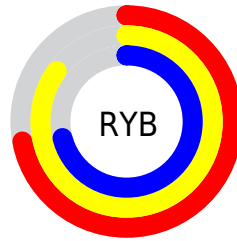
Distribution



Red (85%)

Green (84%)

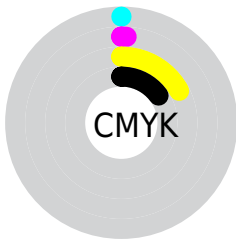
Blue (71%)



Red (72%)

Yellow (85%)

Blue (71%)

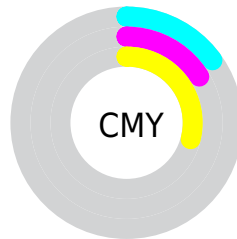


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (15%)



Cyan (15%)


Magenta (16%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 17.271, 104.875 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, 17.271, 104.875 by changing the saturation by 10% instead.


 85, 17.271,
104.875


 85, 17.271,
104.875


 100, 17.271,
104.875


 75, 17.271,
104.875


 65, 17.271,
104.875

 55, 17.271,
104.875

 45, 17.271,
104.875

 35, 17.271,
104.875

 25, 17.271,
104.875

 15, 17.271,

104.875

■ 5, 17.271, 104.875

■ 0, 17.271, 104.875

■ 85, 17.271,
104.875

■ 85, 17.271,
104.875

■ 84, 27.621,
103.826

■ 86, 6.866, 105.915

■ 83, 37.821,
102.767

■ 87, 3.543, 286.978

■ 83, 47.724,
101.721

■ 88, 13.921,
287.941

■ 82, 57.092,
100.709

■ 89, 17.780,
287.079

■ 81, 65.556, 99.752

■ 89, 16.869,
284.690

■ 81, 72.597, 98.873

■ 90, 15.989,
282.041

■ 80, 77.609, 98.090

■ 90, 15.148,
279.101

■ 79, 80.176, 97.399

■ 79, 80.733, 97.175

■ 91, 14.351,
275.834

■ 91, 13.605,
272.207

Harmonies

Complementary

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



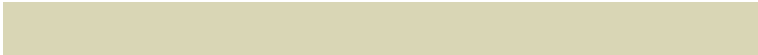
85, 17.271, 104.875



75, 17.820, 288.538

Rectangle

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



85, 17.271, 104.875



85, 17.271, 154.875



85, 17.271, 284.875



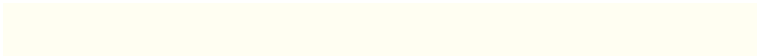
85, 17.271, 334.875

Sweetspot

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



85, 17.273, 104.881



99, 5.928, 106.071



77, 13.829, 13.915



53, 4.045, 106.000



0, 0.000, 0.000



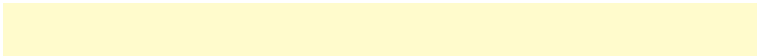
53, 0.007, 296.813

Same Dimension

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



85, 17.273, 104.881



98, 23.727, 104.505



85, 19.669, 125.299



46, 5.961, 105.626



65, 68.411, 97.267



17, 24.412, 99.433

Inverse Universe

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



75, 17.820, 288.538



85, 24.653, 289.024



76, 20.202, 306.956



42, 6.072, 287.648



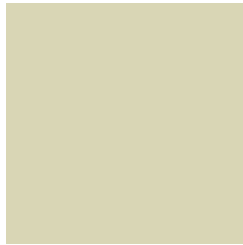
21, 96.262, 305.171



3, 27.894, 293.095

Previews

White Background



This preview shows how the CIELCh color 85, 17.271, 104.875 looks on a white background.

Color Contrast Check

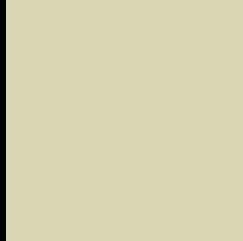
Large Text (above 18pt) WCAG AA × Fail

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, 17.271, 104.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

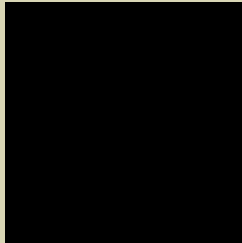
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

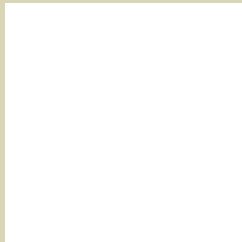
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 17.271, 104.875

Background



This preview shows how black text looks on a background with the CIELCh color 85, 17.271, 104.875.

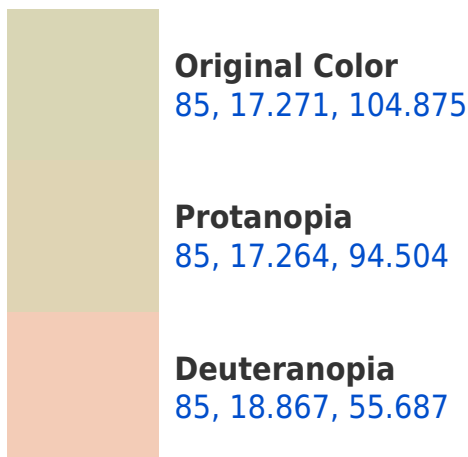


This preview shows how white text looks on a background with the CIELCh color 85, 17.271, 104.875.

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](#).

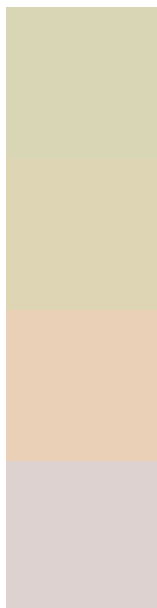
Dichromacy





Tritanopia
85, 10.031, 323.093

Trichromacy



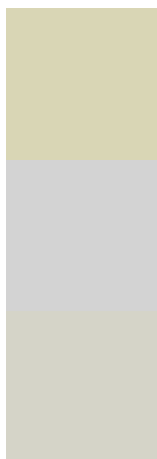
Original Color
85, 17.271, 104.875

Protanomaly
85, 17.514, 98.559

Deuteranomaly
85, 16.767, 73.716

Tritanomaly
85, 4.161, 34.133

Monochromacy



Original Color
85, 17.271, 104.875

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.296, 106.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 17.271, 104.875 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(217, 214, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 181)  
}
```

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(217, 214, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 17.271, 104.875 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(217, 214, 181) }
```

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

```
.border{ border-color:rgb(217, 214, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 17.271, 104.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 181) }
```

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

```
.background{ background-color: rgb(217,  
214, 181) }
```

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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