

Converting Colors

CIELCh(85, 27.089, 106.232)

Have a look what the booklet for
CIELCh(85, 27.089, 106.232)
contains.

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Color

CIELCh(85, 27.055, 106.173)

Conversions

Conversions Part 1

Format	Color
Hex	D9D7A3
RGB	217, 215, 163
RGB Percent	85%, 84%, 64%
CMY	0.1490, 0.1568, 0.3607
CMYK	0.00, 0.01, 0.25, 0.15
HSL	58°, 42%, 75%
HSV	58°, 25%, 85%
XYZ	59.5358, 66.0070, 44.2595
YIQ	209.6700, 17.8840, -15.7480

Conversions

Conversions Part 2

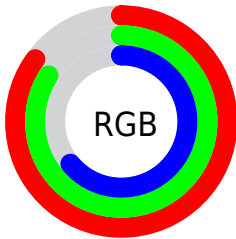
Format	Color
RYB	165, 217, 163
Decimal	14276515
CIELab	85.00, -7.54, 25.98
CIELCh	85, 27.055, 106.173
Yxy	66.0070, 0.3506, 0.3887
Android (android.graphics.Color)	4292466595 (0xFFD9D7A3)
YUV	209.6700, -23.0083, 6.4284
Hunter-Lab	81.2447, -11.3742, 24.5720

Details

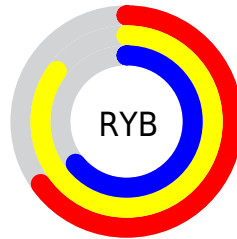
The CIELCh color **85, 27.055, 106.173** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 28.570, 291.672**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **65, 26.840, 105.475** is the 20% darker color. If you saturate the color by 10%, you get **84, 37.705, 105.176**, and if you desaturate by 10%, it is **86, 16.232, 107.183**.

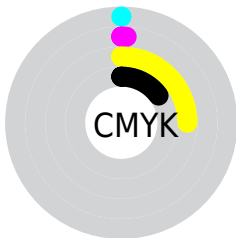
Distribution



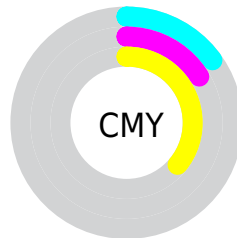
- Red (85%)
- Green (84%)
- Blue (64%)



- Red (65%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (16%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 27.055, 106.173 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, 27.055, 106.173 by changing the saturation by 10% instead.


 85, 27.055,
106.173


 85, 27.055,
106.173


 100, 27.055,
106.173


 75, 27.055,
106.173

 65, 27.055,
106.173

 55, 27.055,
106.173

 45, 27.055,
106.173

 35, 27.055,
106.173

 25, 27.055,
106.173

 15, 27.055,

106.173

■ 5, 27.055, 106.173

■ 0, 27.055, 106.173

■ 85, 27.055,
106.173

■ 85, 27.055,
106.173

■ 84, 37.705,
105.176

■ 86, 16.232,
107.183

■ 84, 48.027,
104.198

■ 86, 5.326, 108.171

■ 83, 57.788,
103.268

■ 87, 5.603, 289.179

■ 83, 66.633,
102.415

■ 88, 16.517,
290.117

■ 83, 74.069,

■ 88, 18.791,
289.663

101.672

88, 18.368,
288.742

82, 79.526,
101.072

89, 17.949,
287.779

82, 82.585,
100.629

89, 17.536,
286.772

82, 83.475,
100.444

89, 17.129,
285.719

Harmonies

Complementary

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



85, 27.055, 106.173



69, 28.570, 291.672

Rectangle

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



85, 27.055, 106.173



85, 27.055, 156.173



85, 27.055, 286.173



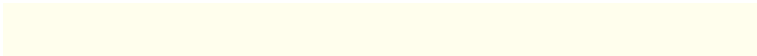
85, 27.055, 336.173

Sweetspot

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



85, 27.057, 106.177



99, 8.707, 107.959



72, 21.322, 17.453



53, 5.658, 107.900



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, 27.057, 106.177



98, 37.078, 105.636



84, 29.683, 126.112



46, 6.248, 107.726



67, 70.639, 100.482



17, 25.558, 102.176

Inverse Universe

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



69, 28.570, 291.672



76, 39.699, 292.498



71, 30.841, 308.573



42, 6.378, 289.672



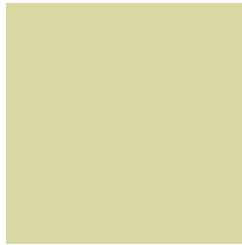
21, 98.483, 305.808



2, 28.840, 294.134

Previews

White Background



This preview shows how the CIELCh color 85, 27.055, 106.173 looks on a white background.

Color Contrast Check

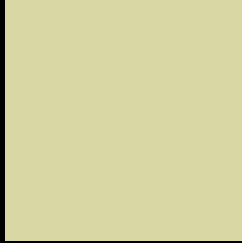
Large Text (above 18pt) WCAG AA × Fail

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 85, 27.055, 106.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

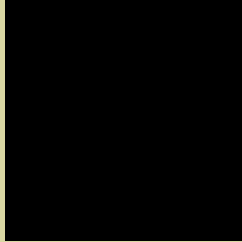
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

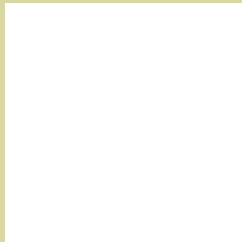
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 27.055, 106.173

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.055, 106.173.



This preview shows how white text looks on a background with the CIELCh color 85, 27.055, 106.173.

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](#).

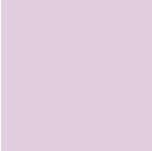
Dichromacy



Original Color
85, 27.055, 106.173

Protanopia
85, 26.763, 95.047

Deuteranopia
85, 27.256, 68.065

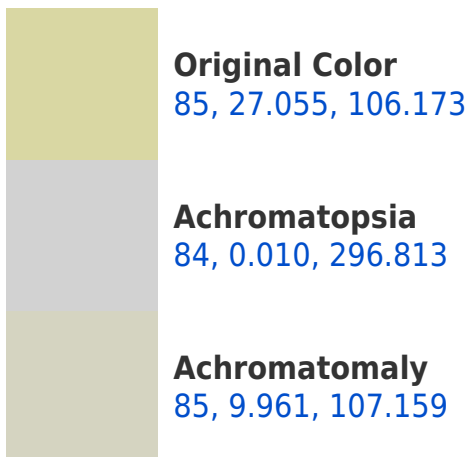


Tritanopia
85, 10.658, 328.048

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.055, 106.173 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, 215, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 163)  
}
```

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, 215, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.055, 106.173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

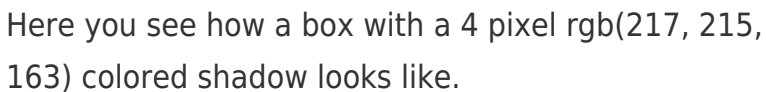
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 215, 163) }
```

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

```
.border{ border-color:rgb(217, 215, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 215, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 215, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 215, 163); box-shadow:4px 4px 4px 4px rgb(217, 215, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.055, 106.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 163) }
```

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

```
.background{ background-color: rgb(217,  
215, 163) }
```

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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