

Converting Colors

CIELCh(85, 4.327, 332.343)

Have a look what the booklet for
CIELCh(85, 4.327, 332.343) contains.

CIELCh(85, 4.306, 332.496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 4.306, 332.496)

Conversions

Conversions Part 1

Format	Color
Hex	DAD2D8
RGB	218, 210, 216
RGB Percent	85%, 82%, 85%
CMY	0.1448, 0.1762, 0.1527
CMYK	0.00, 0.04, 0.01, 0.14
HSL	315°, 10%, 84%
HSV	315°, 4%, 86%
XYZ	64.4034, 66.0070, 74.3608
YIQ	213.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

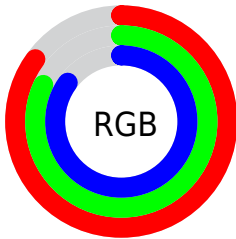
Format	Color
RYB	218, 210, 216
Decimal	14340824
CIELab	85.00, 3.82, -1.99
CIELCh	85, 4.306, 332.496
Yxy	66.0070, 0.3145, 0.3223
Android (android.graphics.Color)	4292530904 (0xFFDAD2D8)
YUV	213.0760, 1.4415, 4.3183
Hunter-Lab	81.2447, -0.6796, 2.6050

Details

The CIELCh color `85, 4.306, 332.496` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 4.283, 152.186`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 3.878, 333.922` is the 20% darker color. If you saturate the color by 10%, you get `79, 16.148, 333.221`, and if you desaturate by 10%, it is `91, 7.329, 151.999`.

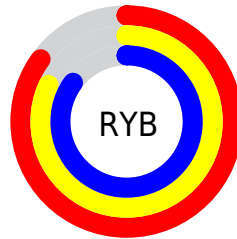
Distribution



Red (85%)

Green (82%)

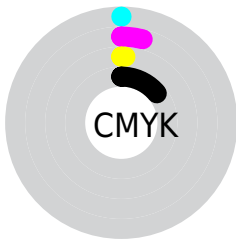
Blue (85%)



Red (85%)

Yellow (82%)

Blue (85%)

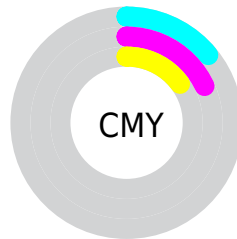


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 4.306, 332.496 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, 4.306, 332.496 by changing the saturation by 10% instead.

■ 85, 4.306, 332.496

■ 85, 4.306, 332.496

■ 100, 4.306,
332.496

■ 75, 4.306, 332.496

■ 65, 4.306, 332.496

■ 55, 4.306, 332.496

■ 45, 4.306, 332.496

■ 35, 4.306, 332.496

■ 25, 4.306, 332.496

■ 15, 4.306, 332.496

■ 5, 4.306, 332.496

■ 0, 4.306, 332.496

85, 4.306, 332.496

85, 4.306, 332.496

79, 16.148,
333.221

91, 7.329, 151.999

74, 28.068,
333.926

96, 18.672,
151.374

69, 39.850,
334.662

97, 17.437,
156.999

64, 51.175,
335.437

97, 15.624,
164.420

60, 61.618,
336.263

97, 14.116,
173.557

56, 70.650,
337.156

97, 13.023,
184.505

53, 77.713,
338.147

97, 12.457,
196.912

51, 82.348,
339.279

97, 12.425,
198.676

■ 50, 84.372,
340.609

Harmonies

Complementary

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



85, 4.306, 332.496



86, 4.283, 152.186

Rectangle

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



85, 4.306, 332.496



85, 4.306, 22.496



85, 4.306, 152.496



85, 4.306, 202.496

Sweetspot

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



85, 4.304, 332.500



99, 1.336, 332.119



85, 4.288, 300.131



53, 0.760, 332.101



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

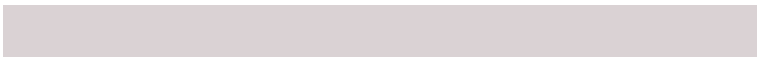
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 4.304, 332.500



97, 5.331, 332.531



85, 3.103, 359.686



45, 3.349, 332.586



39, 71.536, 341.290



6, 28.988, 338.539

Inverse Universe

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



85, 4.304, 332.500



97, 5.331, 332.531



86, 3.057, 179.359



45, 3.349, 332.586



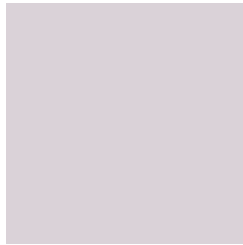
39, 71.536, 341.290



6, 28.988, 338.539

Previews

White Background



This preview shows how the CIELCh color 85, 4.306, 332.496 looks on a white background.

Color Contrast Check

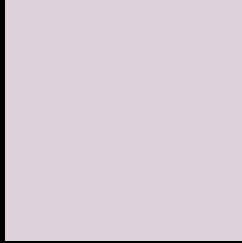
Large Text (above 18pt) WCAG AA × Fail

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, 4.306, 332.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

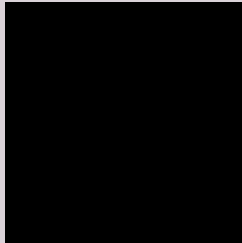
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

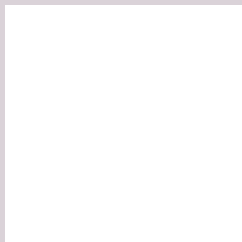
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 4.306, 332.496

Background



This preview shows how black text looks on a background with the CIELCh color 85, 4.306, 332.496.

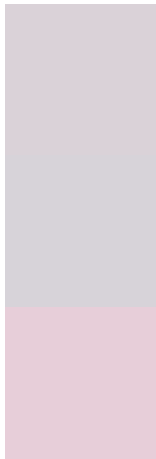


This preview shows how white text looks on a background with the CIELCh color 85, 4.306, 332.496.

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, 4.306, 332.496

Protanopia

85, 3.492, 314.731

Deuteranopia

85, 10.803, 347.938



Tritanopia
85, 9.187, 313.588

Trichromacy



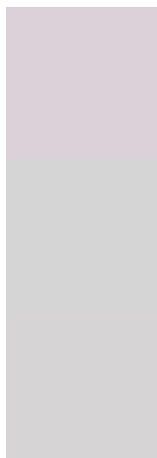
Original Color
85, 4.306, 332.496

Protanomaly
85, 3.658, 319.861

Deuteranomaly
85, 8.700, 342.895

Tritanomaly
85, 7.762, 318.107

Monochromacy



Original Color
85, 4.306, 332.496

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.526, 335.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 4.306, 332.496 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, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 216)  
}
```

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, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 4.306, 332.496 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, 210, 216) }
```

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

```
.border{ border-color:rgb(218, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 4.306, 332.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 216) }
```

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

```
.background{ background-color: rgb(218,  
210, 216) }
```

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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