

Converting Colors

CIELCh(85, 4.599, 328.991)

Have a look what the booklet for
CIELCh(85, 4.599, 328.991) contains.

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Color

CIELCh(85, 4.707, 328.193)

Conversions

Conversions Part 1

Format	Color
Hex	DAD2D9
RGB	218, 210, 217
RGB Percent	85%, 82%, 85%
CMY	0.1451, 0.1765, 0.1490
CMYK	0.00, 0.04, 0.00, 0.15
HSL	308°, 10%, 84%
HSV	308°, 4%, 85%
XYZ	64.4830, 66.0070, 74.9861
YIQ	213.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

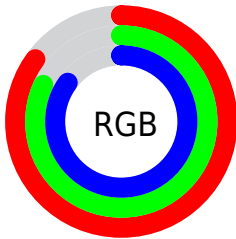
Format	Color
R _Y B	218, 210, 217
Decimal	14340825
CIE Lab	85.00, 4.00, -2.48
CIE LCh	85, 4.707, 328.193
Yxy	66.0070, 0.3138, 0.3212
Android (android.graphics.Color)	4292530905 (0xFFDAD2D9)
YUV	213.1900, 1.8783, 4.2184
Hunter-Lab	81.2447, -0.5048, 2.1486

Details

The CIELCh color $85, 4.707, 328.193$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 4.686, 147.893$, 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 $65, 4.295, 328.802$ is the 20% darker color. If you saturate the color by 10%, you get $80, 17.632, 328.834$, and if you desaturate by 10%, it is $91, 8.016, 147.725$.

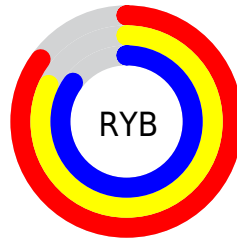
Distribution



Red (85%)

Green (82%)

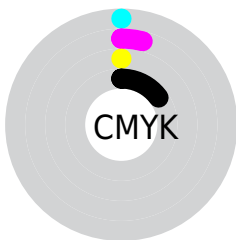
Blue (85%)



Red (85%)

Yellow (82%)

Blue (85%)

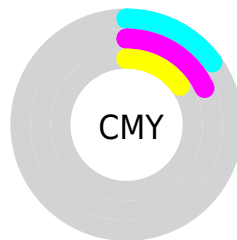


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 4.707, 328.193 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, 4.707, 328.193 by changing the saturation by 10% instead.

■ 85, 4.707, 328.193

■ 85, 4.707, 328.193

■ 100, 4.707,
328.193

■ 75, 4.707, 328.193

■ 65, 4.707, 328.193

■ 55, 4.707, 328.193

■ 45, 4.707, 328.193

■ 35, 4.707, 328.193

■ 25, 4.707, 328.193

■ 15, 4.707, 328.193

■ 5, 4.707, 328.193

■ 0, 4.707, 328.193

85, 4.707, 328.193

85, 4.707, 328.193

80, 17.632,
328.834

91, 8.016, 147.725

74, 30.611,
329.445

96, 20.437,
147.149

69, 43.404,
330.057

97, 20.195,
149.351

65, 55.673,
330.666

97, 19.131,
151.992

60, 66.970,
331.267

97, 18.108,
154.927

57, 76.761,
331.857

97, 17.133,
158.195

54, 84.497,
332.437

97, 16.216,
161.833

52, 89.745,
333.015

97, 15.367,
165.881

■ 51, 92.352,
333.611

■ 97, 14.598,
170.367

Harmonies

Complementary

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



85, 4.707, 328.193



86, 4.686, 147.893

Rectangle

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



85, 4.707, 328.193



85, 4.707, 18.193



85, 4.707, 148.193



85, 4.707, 198.193

Sweetspot

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



85, 4.705, 328.195



99, 1.460, 327.868



84, 4.237, 295.057



53, 0.831, 327.853



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, 4.705, 328.195



97, 5.827, 328.222



85, 3.337, 350.636



45, 3.660, 328.271



40, 78.505, 333.901



7, 31.655, 332.743

Inverse Universe

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



85, 4.705, 328.195



97, 5.827, 328.222



86, 3.301, 170.271



45, 3.660, 328.271



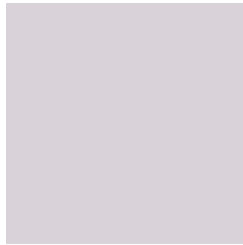
40, 78.505, 333.901



7, 31.655, 332.743

Previews

White Background



This preview shows how the CIELCh color 85, 4.707, 328.193 looks on a white background.

Color Contrast Check

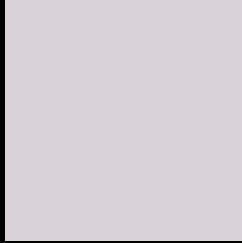
Large Text (above 18pt) WCAG AA × Fail

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, 4.707, 328.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

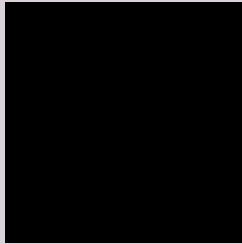
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

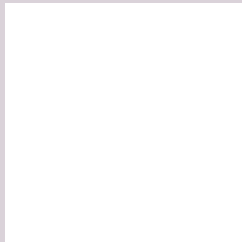
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 4.707, 328.193

Background



This preview shows how black text looks on a background with the CIELCh color 85, 4.707, 328.193.

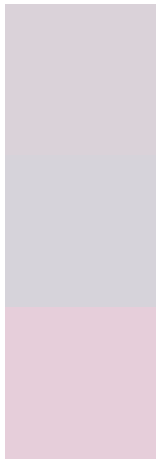


This preview shows how white text looks on a background with the CIELCh color 85, 4.707, 328.193.

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, 4.707, 328.193

Protanopia

85, 3.858, 306.660

Deuteranopia

85, 10.785, 344.490



Tritanopia
85, 9.187, 313.588

Trichromacy



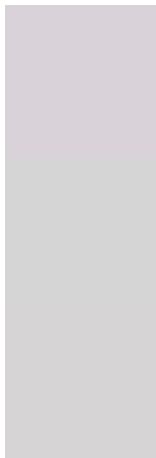
Original Color
85, 4.707, 328.193

Protanomaly
85, 3.976, 311.620

Deuteranomaly
85, 9.022, 340.233

Tritanomaly
85, 7.762, 318.107

Monochromacy



Original Color
85, 4.707, 328.193

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, 4.707, 328.193 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 4.707, 328.193 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, 217) }
```

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

```
.border{ border-color:rgb(218, 210, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 4.707, 328.193 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, 217) }
```

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

```
.background{ background-color: rgb(218,  
210, 217) }
```

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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