

Converting Colors

CIELCh(85, 9.496, 335.407)

Have a look what the booklet for
CIELCh(85, 9.496, 335.407) contains.

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Color

CIELCh(85, 9.722, 335.476)

Conversions

Conversions Part 1

Format	Color
Hex	E2CFDC
RGB	226, 207, 220
RGB Percent	89%, 81%, 86%
CMY	0.1135, 0.1880, 0.1370
CMYK	0.00, 0.08, 0.03, 0.11
HSL	319°, 25%, 85%
HSV	319°, 8%, 89%
XYZ	66.6399, 66.0070, 76.9835
YIQ	214.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

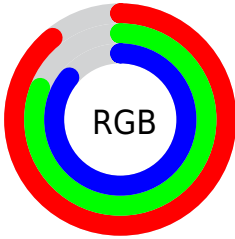
Format	Color
R _Y B	226, 207, 220
Decimal	14864348
CIE Lab	85.00, 8.84, -4.04
CIE LCh	85, 9.722, 335.476
Yxy	66.0070, 0.3179, 0.3149
Android (android.graphics.Color)	4293054428 (0xFFE2CFDC)
YUV	214.1630, 2.8776, 10.3810
Hunter-Lab	81.2447, 4.2340, 0.6910

Details

The CIELCh color $85, 9.722, 335.476$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 9.669, 154.376$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 9.597, 336.367$ is the 20% darker color. If you saturate the color by 10%, you get $79, 21.430, 336.233$, and if you desaturate by 10%, it is $91, 1.818, 155.037$.

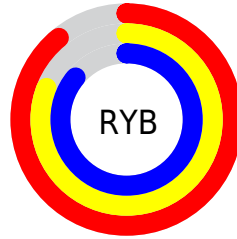
Distribution



Red (89%)

Green (81%)

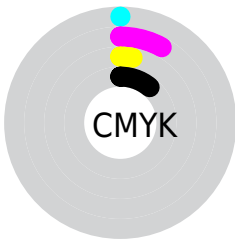
Blue (86%)



Red (89%)

Yellow (81%)

Blue (86%)

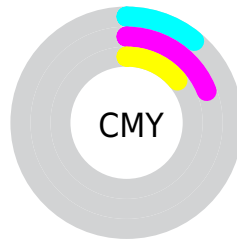


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.722, 335.476 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, 9.722, 335.476 by changing the saturation by 10% instead.

 85, 9.722, 335.476

 85, 9.722, 335.476

 100, 9.722,
335.476

 75, 9.722, 335.476

 65, 9.722, 335.476

 55, 9.722, 335.476

 45, 9.722, 335.476

 35, 9.722, 335.476

 25, 9.722, 335.476

 15, 9.722, 335.476

 5, 9.722, 335.476

 0, 9.722, 335.476

85, 9.722, 335.476

85, 9.722, 335.476

79, 21.430,
336.233

91, 1.818, 155.037

74, 33.149,
337.025

97, 13.084,
154.212

69, 44.619,
337.875

98, 12.280,
164.517

64, 55.471,
338.802

98, 10.509,
180.741

60, 65.219,
339.831

98, 9.821, 198.853

56, 73.293,
341.004

53, 79.142,
342.380

51, 82.403,
344.037

■ 50, 83.198,
346.046

Harmonies

Complementary

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



85, 9.722, 335.476



88, 9.669, 154.376

Rectangle

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



85, 9.722, 335.476



85, 9.722, 25.476



85, 9.722, 155.476



85, 9.722, 205.476

Sweetspot

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



85, 9.720, 335.479



98, 3.811, 335.033



84, 10.258, 302.294



52, 2.890, 335.112



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, 9.720, 335.479



94, 12.770, 335.604



85, 7.255, 3.958



44, 6.534, 335.557



39, 69.241, 345.987



7, 29.090, 342.327

Inverse Universe

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



85, 9.720, 335.479



94, 12.770, 335.604



88, 7.017, 182.581



44, 6.534, 335.557



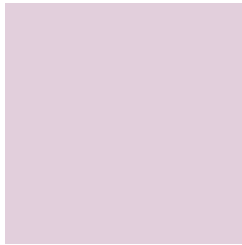
39, 69.241, 345.987



7, 29.090, 342.327

Previews

White Background



This preview shows how the CIELCh color 85, 9.722, 335.476 looks on a white background.

Color Contrast Check

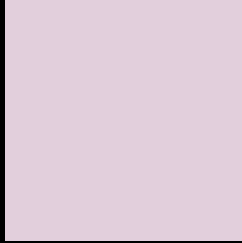
Large Text (above 18pt) WCAG AA × Fail

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, 9.722, 335.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

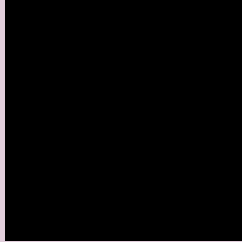
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

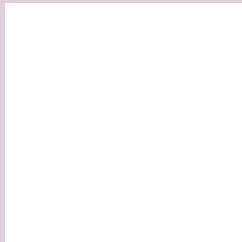
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.722, 335.476

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.722, 335.476.



This preview shows how white text looks on a background with the CIELCh color 85, 9.722, 335.476.

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, 10.880, 329.577

Trichromacy



Original Color
85, 9.722, 335.476

Protanomaly
85, 6.493, 316.768

Deuteranomaly
85, 10.873, 337.648

Tritanomaly
85, 10.482, 331.394

Monochromacy



Original Color
85, 9.722, 335.476

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 3.672, 333.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.722, 335.476 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(226, 207, 220)` looks like.

```
.text, #text, p{  
    color:rgb(226, 207, 220)  
}
```

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(226, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 207, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.722, 335.476 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(226, 207, 220) }
```

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

```
.border{ border-color:rgb(226, 207, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 207, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(226, 207,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.722, 335.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 207, 220) }
```

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

```
.background{ background-color: rgb(226,  
207, 220) }
```

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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