

Converting Colors

CIELCh(85, 14.207, 317.733)

Have a look what the booklet for
CIELCh(85, 14.207, 317.733)
contains.

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Color

CIELCh(85, 14.221, 317.727)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEE6
RGB	224, 206, 230
RGB Percent	88%, 81%, 90%
CMY	0.1198, 0.1904, 0.0963
CMYK	0.03, 0.10, 0.00, 0.10
HSL	285°, 33%, 86%
HSV	285°, 10%, 90%
XYZ	67.3979, 66.0070, 84.3772
YIQ	214.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

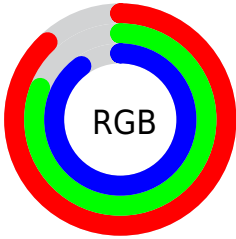
Format	Color
R_{YB}	224, 206, 230
Decimal	14733030
CIE Lab	85.00, 10.52, -9.57
CIE LCh	85, 14.221, 317.727
Yxy	66.0070, 0.3095, 0.3031
Android (android.graphics.Color)	4292923110 (0xFFE0CEE6)
YUV	214.1180, 7.8298, 8.6665
Hunter-Lab	81.2447, 5.8994, -4.7047

Details

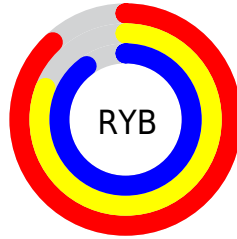
The CIELCh color `85, 14.221, 317.727` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 14.116, 136.843`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 14.335, 317.500` is the 20% darker color. If you saturate the color by 10%, you get `79, 28.106, 318.173`, and if you desaturate by 10%, it is `91, 0.573, 316.935`.

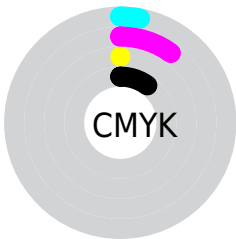
Distribution



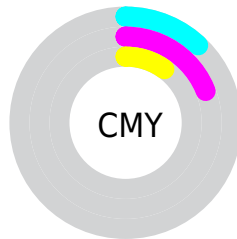
- Red (88%)
- Green (81%)
- Blue (90%)



- Red (88%)
- Yellow (81%)
- Blue (90%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)




- Cyan (12%)
- Magenta (19%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.221, 317.727 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, 14.221, 317.727 by changing the saturation by 10% instead.

 85, 14.221,
317.727

 85, 14.221,
317.727


 100, 14.221,
317.727


 75, 14.221,
317.727


 65, 14.221,
317.727

 55, 14.221,
317.727

 45, 14.221,
317.727

 35, 14.221,
317.727

 25, 14.221,
317.727

 15, 14.221,

317.727

■ 5, 14.221, 317.727

■ 0, 14.221, 317.727

■ 85, 14.221,
317.727

■ 85, 14.221,
317.727

■ 79, 28.106,
318.173

■ 91, 0.573, 316.935

■ 73, 42.095,
318.614

■ 97, 12.752,
136.923

■ 67, 55.960,
319.030

■ 98, 13.377,
130.066

■ 62, 69.357,
319.394

■ 99, 12.755,
121.483

■ 57, 81.799,

■ 99, 12.452,
112.156

319.665

99, 12.428,
109.238

53, 92.660,
319.795

49, 101.251,
319.727

47, 107.008,
319.407

45, 110.012,
318.872

Harmonies

Complementary

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



85, 14.221, 317.727



90, 14.116, 136.843

Rectangle

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



85, 14.221, 317.727



85, 14.221, 7.727



85, 14.221, 137.727



85, 14.221, 187.727

Sweetspot

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



85, 14.219, 317.726



98, 4.417, 317.370



85, 9.656, 278.560



52, 3.350, 317.415



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, 14.219, 317.726



91, 19.310, 317.845



85, 12.847, 332.993



45, 7.719, 317.683



35, 90.813, 319.011



6, 36.946, 319.856

Inverse Universe

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



85, 9.363, 0.465



91, 12.762, 0.758



89, 12.794, 151.656



45, 5.076, 0.359



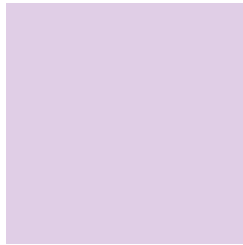
37, 68.845, 25.317



7, 26.640, 11.122

Previews

White Background



This preview shows how the CIELCh color 85, 14.221, 317.727 looks on a white background.

Color Contrast Check

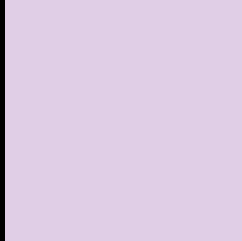
Large Text (above 18pt) WCAG AA × Fail

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, 14.221, 317.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

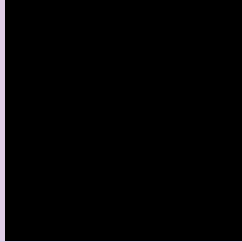
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

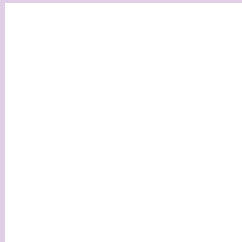
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 14.221, 317.727

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.221, 317.727.



This preview shows how white text looks on a background with the CIELCh color 85, 14.221, 317.727.

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, 14.221, 317.727

Protanopia

85, 11.580, 289.452

Deuteranopia

85, 14.383, 319.005



Tritanopia
85, 10.031, 323.093

Trichromacy



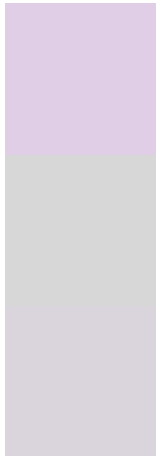
Original Color
85, 14.221, 317.727

Protanomaly
85, 12.332, 300.957

Deuteranomaly
85, 14.383, 319.005

Tritanomaly
85, 11.750, 321.950

Monochromacy



Original Color
85, 14.221, 317.727

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.224, 314.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.221, 317.727 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(224, 206, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 230)  
}
```

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(224, 206, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.221, 317.727 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(224, 206, 230) }
```

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

```
.border{ border-color:rgb(224, 206, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.221, 317.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 230) }
```

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

```
.background{ background-color: rgb(224,  
206, 230) }
```

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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