

Converting Colors

CIELCh(85, 4.851, 322.272)

Have a look what the booklet for
CIELCh(85, 4.851, 322.272) contains.

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Color

CIELCh(85, 4.935, 321.129)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D9D2DA |
| RGB | 217, 210, 218 |
| RGB Percent | 85%, 82%, 85% |
| CMY | 0.1485, 0.1759, 0.1445 |
| CMYK | 0.00, 0.04, 0.00, 0.14 |
| HSL | 292°, 10%, 84% |
| HSV | 292°, 4%, 86% |
| XYZ | 64.4135, 66.0070, 75.7737 |
| YIQ | 213.0050, 1.6040, 3.9720 |

Conversions

Conversions Part 2

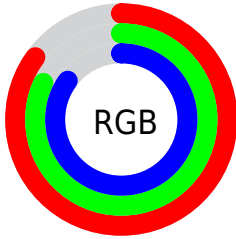
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 217, 210, 218 |
| Decimal | 14275290 |
| CIE Lab | 85.00, 3.84, -3.10 |
| CIE LCh | 85, 4.935, 321.129 |
| Yxy | 66.0070, 0.3124, 0.3201 |
| Android (android.graphics.Color) | 4292465370 (0xFFD9D2DA) |
| YUV | 213.0050, 2.4625, 3.5036 |
| Hunter-Lab | 81.2447, -0.6575, 1.5739 |

Details

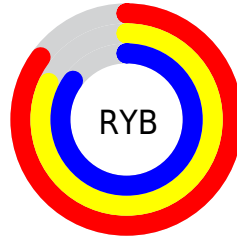
The CIELCh color $85, 4.935, 321.129$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 4.909, 140.877$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 4.536, 320.644$ is the 20% darker color. If you saturate the color by 10%, you get $79, 18.519, 321.638$, and if you desaturate by 10%, it is $91, 8.406, 140.742$.

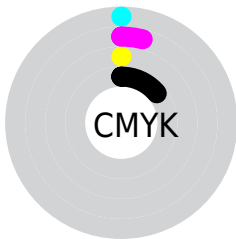
Distribution



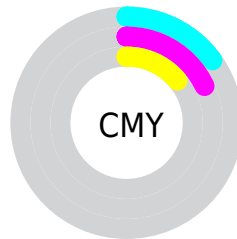
- Red (85%)
- Green (82%)
- Blue (85%)



- Red (85%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 4.935, 321.129 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, 4.935, 321.129 by changing the saturation by 10% instead.

■ 85, 4.935, 321.129

■ 85, 4.935, 321.129

■ 100, 4.935,
321.129

■ 75, 4.935, 321.129

■ 65, 4.935, 321.129

■ 55, 4.935, 321.129

■ 45, 4.935, 321.129

■ 35, 4.935, 321.129

■ 25, 4.935, 321.129

■ 15, 4.935, 321.129

■ 5, 4.935, 321.129

■ 0, 4.935, 321.129

85, 4.935, 321.129

85, 4.935, 321.129

79, 18.519,
321.638

91, 8.406, 140.742

74, 32.222,
322.118

97, 21.420,
140.280

69, 45.836,
322.580

97, 21.659,
138.272

64, 59.056,
323.004

97, 21.178,
136.061

59, 71.462,
323.365

97, 20.731,
133.734

55, 82.523,
323.633

98, 20.318,
131.293

52, 91.651,
323.774

98, 19.944,
128.740

49, 98.322,
323.758

98, 19.611,
126.078

■ 48, 102.269,
323.562

■ 98, 19.322,
123.316

Harmonies

Complementary

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



85, 4.935, 321.129



86, 4.909, 140.877

Rectangle

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



85, 4.935, 321.129



85, 4.935, 11.129



85, 4.935, 141.129



85, 4.935, 191.129

Sweetspot

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



85, 4.933, 321.127



99, 1.531, 320.873



85, 3.668, 284.564



53, 0.871, 320.862



0, 0.000, 0.000



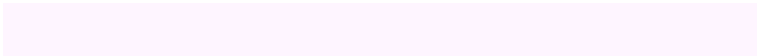
53, 0.007, 296.813

Same Dimension

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



85, 4.933, 321.127



97, 6.110, 321.149



85, 3.957, 337.280



45, 3.838, 321.188



37, 87.350, 323.438



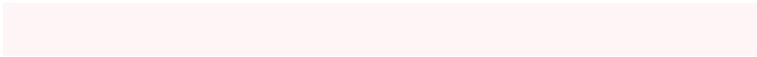
6, 34.009, 323.824

Inverse Universe

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



85, 2.965, 9.241



97, 3.676, 9.291



86, 3.933, 156.946



45, 2.313, 9.375



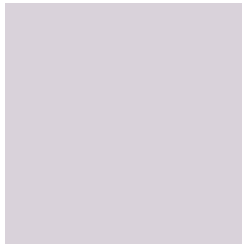
36, 72.934, 34.240



5, 23.722, 14.866

Previews

White Background



This preview shows how the CIELCh color 85, 4.935, 321.129 looks on a white background.

Color Contrast Check

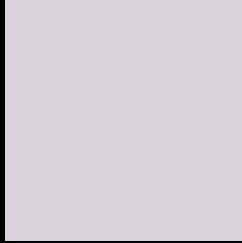
Large Text (above 18pt) WCAG AA × Fail

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, 4.935, 321.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

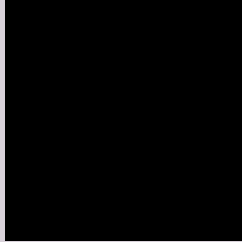
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

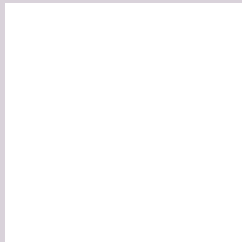
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 4.935, 321.129

Background



This preview shows how black text looks on a background with the CIELCh color 85, 4.935, 321.129.

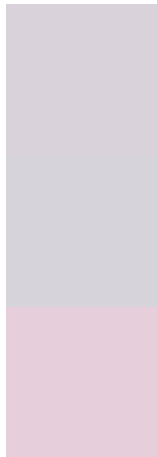


This preview shows how white text looks on a background with the CIELCh color 85, 4.935, 321.129.

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, 4.935, 321.129

Protanopia

85, 4.365, 304.755

Deuteranopia

85, 11.093, 342.279



Tritanopia
85, 9.053, 311.506

Trichromacy



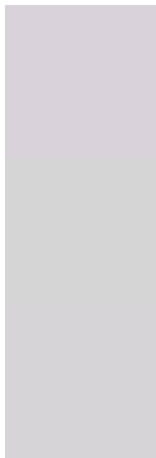
Original Color
85, 4.935, 321.129

Protanomaly
85, 4.470, 309.199

Deuteranomaly
85, 8.472, 337.005

Tritanomaly
85, 8.080, 314.134

Monochromacy



Original Color
85, 4.935, 321.129

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.931, 324.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 4.935, 321.129 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, 210, 218)` looks like.

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

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, 210, 218) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 85, 4.935, 321.129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

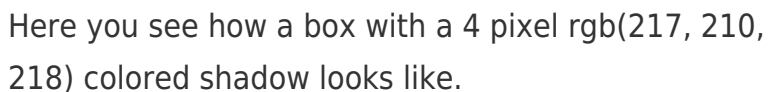
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 210, 218) }
```

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

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

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



Here you see how a box with a 4 pixel `rgb(217, 210, 218)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 85, 4.935, 321.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 218) }
```

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

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

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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