

Converting Colors

CIELCh(86, 6.485, 303.330)

Have a look what the booklet for
CIELCh(86, 6.485, 303.330) contains.

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Color

CIELCh(86, 6.485, 303.330)

Conversions

Conversions Part 1

Format	Color
Hex	D9D5E1
RGB	217, 213, 225
RGB Percent	85%, 84%, 88%
CMY	0.1478, 0.1635, 0.1165
CMYK	0.04, 0.05, 0.00, 0.12
HSL	260°, 17%, 86%
HSV	260°, 5%, 88%
XYZ	66.2036, 67.9871, 81.0817
YIQ	215.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

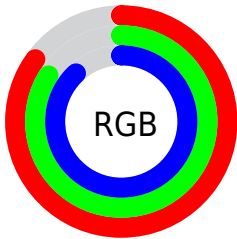
Format	Color
RYP	217, 213, 225
Decimal	14276065
CIELab	86.00, 3.56, -5.42
CIELCh	86, 6.485, 303.330
Yxy	67.9871, 0.3075, 0.3158
Android (android.graphics.Color)	4292466145 (0xFFD9D5E1)
YUV	215.5640, 4.6519, 1.2594
Hunter-Lab	82.4543, -0.9750, -0.5850

Details

The CIELCh color $86, 6.485, 303.330$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 6.404, 122.766$, 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 $66, 6.850, 303.424$ is the 20% darker color. If you saturate the color by 10%, you get $79, 18.965, 303.935$, and if you desaturate by 10%, it is $93, 5.570, 122.814$.

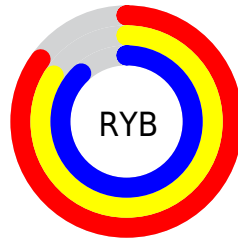
Distribution



Red (85%)

Green (84%)

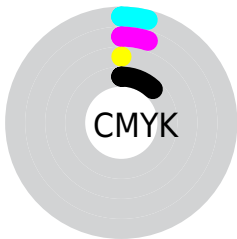
Blue (88%)



Red (85%)

Yellow (84%)

Blue (88%)

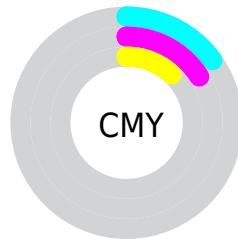


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (15%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.485, 303.330 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 86, 6.485, 303.330 by changing the saturation by 10% instead.

■ 86, 6.485, 303.330

■ 86, 6.485, 303.330

■ 100, 6.485,
303.330

■ 76, 6.485, 303.330

■ 66, 6.485, 303.330

■ 56, 6.485, 303.330

■ 46, 6.485, 303.330

■ 36, 6.485, 303.330

■ 26, 6.485, 303.330

■ 16, 6.485, 303.330

■ 6, 6.485, 303.330

■ 0, 6.485, 303.330

86, 6.485, 303.330

86, 6.485, 303.330

79, 18.965,
303.935

93, 5.570, 122.814

72, 31.876,
304.619

99, 15.316,
119.484

66, 45.182,
305.376

99, 15.026,
109.042

59, 58.792,
306.193

52, 72.499,
307.038

46, 85.898,
307.848

41, 98.271,
308.516

36, 108.527,
308.890

■ 33,115.438,
308.799

Harmonies

Complementary

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



86, 6.485, 303.330



89, 6.404, 122.766

Rectangle

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



86, 6.485, 303.330



86, 6.485, 353.330



86, 6.485, 123.330



86, 6.485, 173.330

Sweetspot

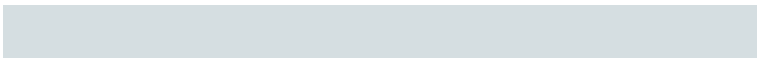
The Sweet Spot groups the original color and five complimentary colors.



86, 6.483, 303.323



98, 2.683, 303.122



88, 3.482, 234.198



53, 1.526, 303.115



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 6.483, 303.323



95, 8.083, 303.365



86, 7.239, 319.513



45, 4.832, 303.398



24, 97.690, 308.817



3, 32.458, 304.314

Inverse Universe

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



87, 6.053, 335.967



96, 7.543, 336.025



89, 7.205, 139.096



45, 4.507, 336.071



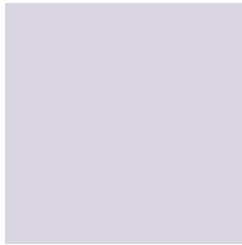
39, 68.530, 347.309



7, 28.782, 343.351

Previews

White Background



This preview shows how the CIELCh color 86, 6.485, 303.330 looks on a white background.

Color Contrast Check

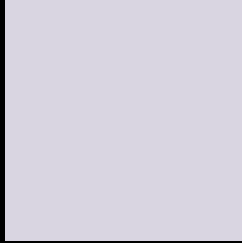
Large Text (above 18pt) WCAG AA × Fail

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 86, 6.485, 303.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

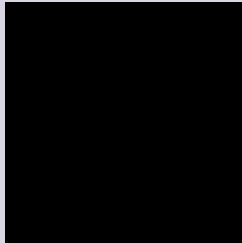
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

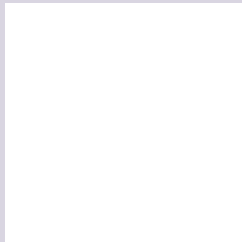
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.485, 303.330

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.485, 303.330.

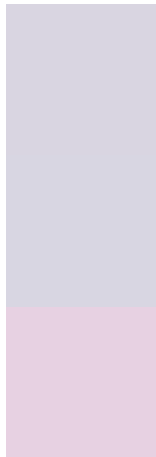


This preview shows how white text looks on a background with the CIELCh color 86, 6.485, 303.330.

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


86, 6.485, 303.330

Protanopia

86, 6.354, 297.097

Deuteranopia

86, 11.953, 332.080



Tritanopia
86, 8.614, 302.665

Trichromacy



Original Color
86, 6.485, 303.330

Protanomaly
86, 6.354, 297.097

Deuteranomaly
86, 9.570, 324.777

Tritanomaly
86, 8.101, 303.404

Monochromacy



Original Color
86, 6.485, 303.330

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.141, 300.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.485, 303.330 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, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 225)  
}
```

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, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.485, 303.330 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, 213, 225) }
```

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

```
.border{ border-color:rgb(217, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.485, 303.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 225) }
```

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

```
.background{ background-color: rgb(217,  
213, 225) }
```

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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