

Converting Colors

CIELCh(86, 7.711, 306.762)

Have a look what the booklet for
CIELCh(86, 7.711, 306.762) contains.

CIELCh(86, 7.684, 306.817)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 7.684, 306.817)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5E3
RGB	219, 213, 227
RGB Percent	86%, 84%, 89%
CMY	0.1423, 0.1658, 0.1110
CMYK	0.04, 0.06, 0.00, 0.11
HSL	266°, 20%, 86%
HSV	266°, 6%, 89%
XYZ	66.6714, 67.9871, 82.0694
YIQ	216.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

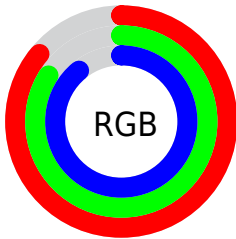
Format	Color
R _Y B	219, 213, 227
Decimal	14407139
CIE Lab	86.00, 4.60, -6.15
CIE LCh	86, 7.684, 306.817
Yxy	67.9871, 0.3076, 0.3137
Android (android.graphics.Color)	4292597219 (0xFFD5E3)
YUV	216.3900, 5.2307, 2.2890
Hunter-Lab	82.4543, 0.0377, -1.2952

Details

The CIELCh color $86, 7.684, 306.817$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 7.593, 126.253$, 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 $66, 8.114, 306.911$ is the 20% darker color. If you saturate the color by 10%, you get $79, 20.435, 307.344$, and if you desaturate by 10%, it is $93, 4.669, 126.380$.

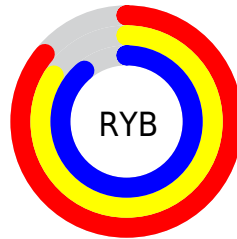
Distribution



Red (86%)

Green (84%)

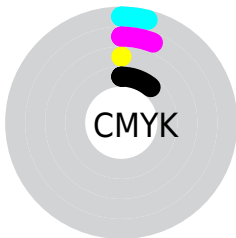
Blue (89%)



Red (86%)

Yellow (84%)

Blue (89%)

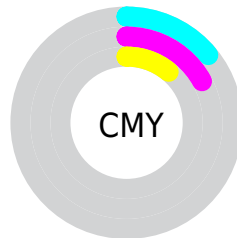


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 7.684, 306.817 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, 7.684, 306.817 by changing the saturation by 10% instead.

■ 86, 7.684, 306.817

■ 86, 7.684, 306.817

■ 100, 7.684,
306.817

■ 76, 7.684, 306.817

■ 66, 7.684, 306.817

■ 56, 7.684, 306.817

■ 46, 7.684, 306.817

■ 36, 7.684, 306.817

■ 26, 7.684, 306.817

■ 16, 7.684, 306.817

■ 6, 7.684, 306.817

■ 0, 7.684, 306.817

86, 7.684, 306.817

86, 7.684, 306.817

79, 20.435,
307.344

93, 4.669, 126.380

73, 33.567,
307.923

99, 14.849,
123.711

66, 47.014,
308.544

99, 14.316,
109.096

60, 60.637,
309.189

53, 74.173,
309.820

48, 87.156,
310.373

42, 98.843,
310.749

38, 108.231,
310.817

■ 35,114.340,
310.447

Harmonies

Complementary

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



86, 7.684, 306.817



89, 7.593, 126.253

Rectangle

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



86, 7.684, 306.817



86, 7.684, 356.817



86, 7.684, 126.817



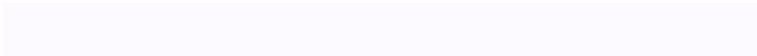
86, 7.684, 176.817

Sweetspot

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



86, 7.682, 306.812



99, 2.727, 306.583



88, 4.151, 246.705



53, 1.551, 306.576



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, 7.682, 306.812



95, 9.596, 306.857



87, 8.692, 322.456



44, 5.618, 306.883



26, 95.875, 310.433



3, 32.989, 307.618

Inverse Universe

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



86, 6.592, 340.400



95, 8.231, 340.477



89, 8.664, 141.893



45, 4.818, 340.521



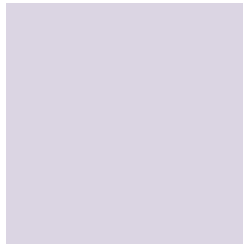
38, 65.435, 355.255



7, 27.286, 349.529

Previews

White Background



This preview shows how the CIELCh color 86, 7.684, 306.817 looks on a white background.

Color Contrast Check

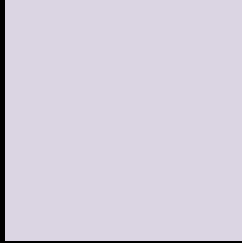
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 7.684, 306.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

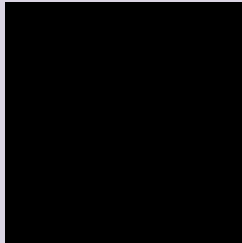
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

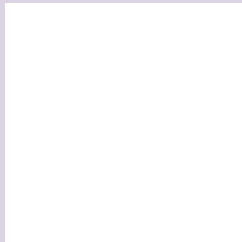
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 7.684, 306.817

Background



This preview shows how black text looks on a background with the CIELCh color 86, 7.684, 306.817.

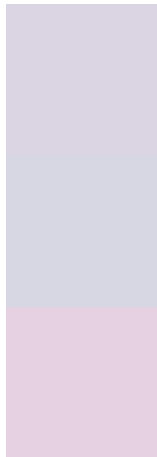


This preview shows how white text looks on a background with the CIELCh color 86, 7.684, 306.817.

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

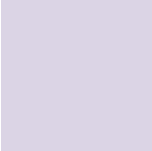
86, 7.684, 306.817

Protanopia

86, 6.843, 293.709

Deuteranopia

86, 12.119, 329.129



Tritanopia
86, 9.304, 306.284

Trichromacy



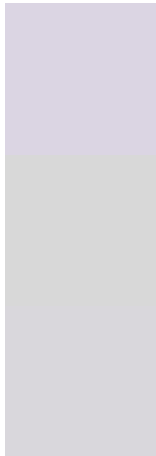
Original Color
86, 7.684, 306.817

Protanomaly
86, 6.875, 296.643

Deuteranomaly
86, 10.646, 323.215

Tritanomaly
86, 8.800, 307.177

Monochromacy



Original Color
86, 7.684, 306.817

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.735, 305.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 7.684, 306.817 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(219, 213, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 227)  
}
```

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(219, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 7.684, 306.817 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(219, 213, 227) }
```

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

```
.border{ border-color:rgb(219, 213, 227) }
```

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

Here you see how a box with a 4 pixel rgb(219, 213, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 7.684, 306.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 227) }
```

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

```
.background{ background-color: rgb(219,  
213, 227) }
```

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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