

Converting Colors

CIELCh(86, 3.035, 335.732)

Have a look what the booklet for
CIELCh(86, 3.035, 335.732) contains.

CIELCh(86, 3.038, 335.733)	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, 3.038, 335.733)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D9
RGB	219, 213, 217
RGB Percent	86%, 84%, 85%
CMY	0.1393, 0.1629, 0.1472
CMYK	0.00, 0.03, 0.01, 0.14
HSL	320°, 8%, 85%
HSV	320°, 3%, 86%
XYZ	65.8486, 67.9871, 75.6143
YIQ	215.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

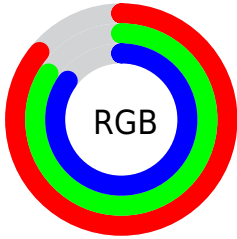
Format	Color
R _Y B	219, 213, 217
Decimal	14407129
CIE Lab	86.00, 2.77, -1.25
CIE LCh	86, 3.038, 335.733
Yxy	67.9871, 0.3144, 0.3246
Android (android.graphics.Color)	4292597209 (0xFFDDBD5D9)
YUV	215.2500, 0.8628, 3.2887
Hunter-Lab	82.4543, -1.7436, 3.3464

Details

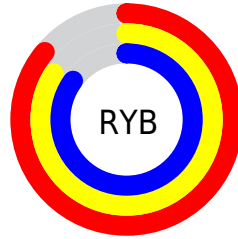
The CIELCh color $86, 3.038, 335.733$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 3.016, 155.608$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 3.207, 335.821$ is the 20% darker color. If you saturate the color by 10%, you get $80, 14.246, 336.558$, and if you desaturate by 10%, it is $92, 7.942, 155.239$.

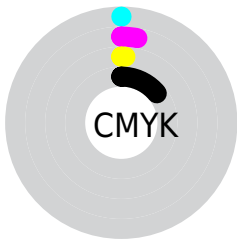
Distribution



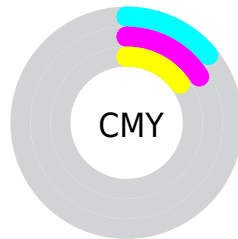
- Red (86%)
- Green (84%)
- Blue (85%)



- Red (86%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.038, 335.733 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, 3.038, 335.733 by changing the saturation by 10% instead.

■ 86, 3.038, 335.733

■ 86, 3.038, 335.733

■ 100, 3.038,
335.733

■ 76, 3.038, 335.733

■ 66, 3.038, 335.733

■ 56, 3.038, 335.733

■ 46, 3.038, 335.733

■ 36, 3.038, 335.733

■ 26, 3.038, 335.733

■ 16, 3.038, 335.733

■ 6, 3.038, 335.733

■ 0, 3.038, 335.733

86, 3.038, 335.733

86, 3.038, 335.733

80, 14.246,
336.558

92, 7.942, 155.239

75, 25.572,
337.341

97, 17.202,
155.583

70, 36.818,
338.178

97, 14.768,
165.893

65, 47.696,
339.088

97, 12.944,
179.572

60, 57.798,
340.094

98, 12.016,
196.414

56, 66.612,
341.234

98, 11.976,
198.706

53, 73.579,
342.560

51, 78.214,
344.147

■ 49, 80.300,
346.089

Harmonies

Complementary

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



86, 3.038, 335.733



87, 3.016, 155.608

Rectangle

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



86, 3.038, 335.733



86, 3.038, 25.733



86, 3.038, 155.733



86, 3.038, 205.733

Sweetspot

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



86, 3.036, 335.741



99, 1.258, 335.412



86, 3.247, 303.175



53, 0.715, 335.391



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, 3.036, 335.741



98, 3.763, 335.773



86, 2.244, 5.817



45, 2.521, 335.848



38, 67.792, 347.312



6, 27.420, 343.215

Inverse Universe

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



86, 3.036, 335.741



98, 3.763, 335.773



87, 2.211, 185.843



45, 2.521, 335.848



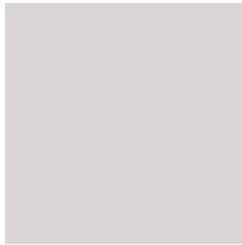
38, 67.792, 347.312



6, 27.420, 343.215

Previews

White Background



This preview shows how the CIELCh color 86, 3.038, 335.733 looks on a white background.

Color Contrast Check

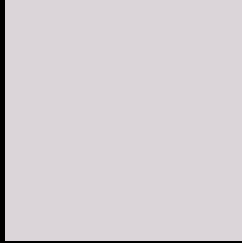
Large Text (above 18pt) WCAG AA × Fail

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, 3.038, 335.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

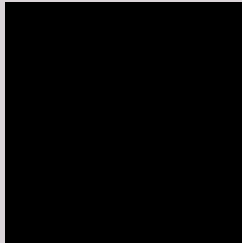
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

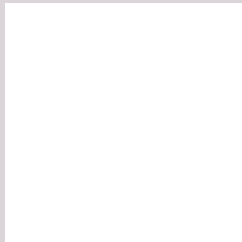
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.038, 335.733

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.038, 335.733.



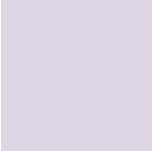
This preview shows how white text looks on a background with the CIELCh color 86, 3.038, 335.733.

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
86, 9.030, 311.502

Trichromacy



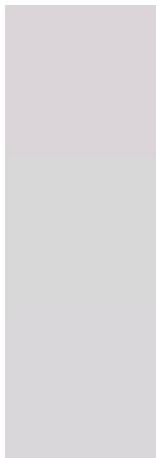
Original Color
86, 3.038, 335.733

Protanomaly
86, 2.787, 330.551

Deuteranomaly
86, 8.097, 348.819

Tritanomaly
86, 6.324, 313.859

Monochromacy



Original Color
86, 3.038, 335.733

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.288, 324.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.038, 335.733 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.038, 335.733 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, 217) }
```

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

```
.border{ border-color:rgb(219, 213, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.038, 335.733 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, 217) }
```

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

```
.background{ background-color: rgb(219,  
213, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor