

Converting Colors

CIELCh(86, 3.352, 87.748)

Have a look what the booklet for
CIELCh(86, 3.352, 87.748) contains.

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Color

CIELCh(86, 3.307, 90.541)

Conversions

Conversions Part 1

Format	Color
Hex	DAD7D1
RGB	218, 215, 209
RGB Percent	85%, 84%, 82%
CMY	0.1458, 0.1575, 0.1811
CMYK	0.00, 0.01, 0.04, 0.15
HSL	40°, 11%, 84%
HSV	40°, 4%, 85%
XYZ	64.6059, 67.9871, 69.9285
YIQ	215.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

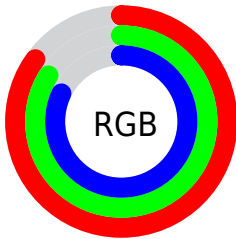
Format	Color
RYB	214, 218, 209
Decimal	14342097
CIELab	86.00, -0.03, 3.31
CIElCh	86, 3.307, 90.541
Yxy	67.9871, 0.3190, 0.3357
Android (android.graphics.Color)	4292532177 (0xFFDAD7D1)
YUV	215.2130, -3.0630, 2.4442
Hunter-Lab	82.4543, -4.4338, 7.4348

Details

The CIELCh color **86, 3.307, 90.541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 3.323, 271.755**, 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, 2.981, 86.970** is the 20% darker color. If you saturate the color by 10%, you get **84, 11.462, 89.370**, and if you desaturate by 10%, it is **88, 4.673, 271.922**.

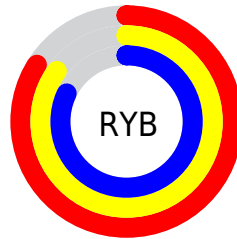
Distribution



Red (85%)

Green (84%)

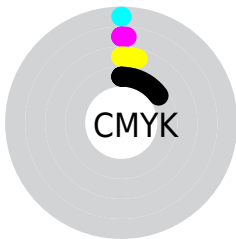
Blue (82%)



Red (84%)

Yellow (85%)

Blue (82%)

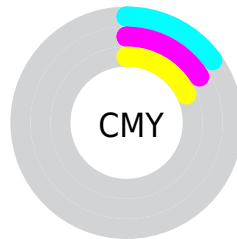


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.307, 90.541 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, 3.307, 90.541 by changing the saturation by 10% instead.



86, 3.307, 90.541

86, 3.307, 90.541

84, 11.462, 89.370

88, 4.673, 271.922

81, 19.785, 88.075

91, 12.489,
273.051

79, 28.256, 86.734

93, 11.270,
256.950

77, 36.821, 85.352

75, 45.362, 83.923

95, 10.332,
232.835

73, 53.655, 82.430

96, 11.314,
209.003

71, 61.291, 80.824

69, 67.600, 79.005

97, 12.504,
198.671

67, 71.733, 76.802

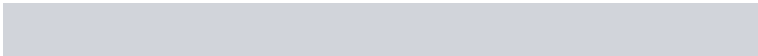
Harmonies

Complementary

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



86, 3.307, 90.541



85, 3.323, 271.755

Rectangle

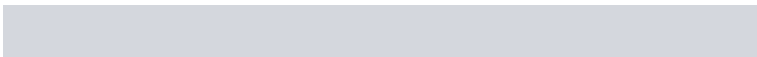
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 3.307, 90.541



86, 3.307, 140.541



86, 3.307, 270.541



86, 3.307, 320.541

Sweetspot

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



86, 3.308, 90.576



100, 0.899, 90.716



85, 3.649, 353.934



53, 0.511, 90.705



0, 0.000, 0.000



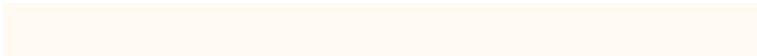
53, 0.007, 296.813

Same Dimension

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



86, 3.308, 90.576



99, 4.557, 90.477



87, 4.729, 116.411



45, 2.750, 90.407



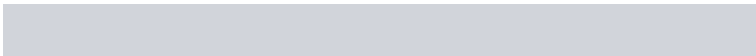
53, 61.819, 75.830



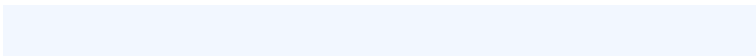
13, 19.501, 78.638

Inverse Universe

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



85, 3.323, 271.755



97, 4.572, 271.860



84, 4.788, 297.007



44, 2.757, 271.935



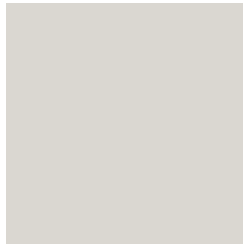
29, 72.951, 296.453



5, 22.645, 285.416

Previews

White Background



This preview shows how the CIELCh color 86, 3.307, 90.541 looks on a white background.

Color Contrast Check

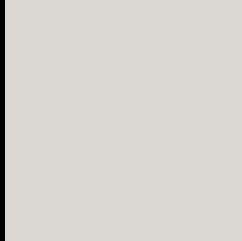
Large Text (above 18pt) WCAG AA × Fail

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, 3.307, 90.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

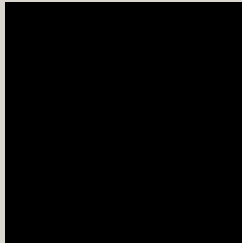
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

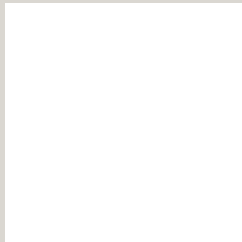
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.307, 90.541

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.307, 90.541.

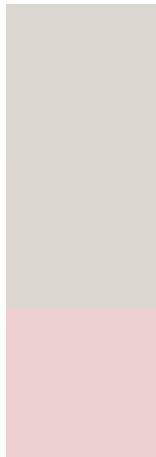


This preview shows how white text looks on a background with the CIELCh color 86, 3.307, 90.541.

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, 3.307, 90.541

Protanopia

86, 3.813, 74.655

Deuteranopia

86, 10.784, 14.627



Tritanopia
86, 9.521, 310.397

Trichromacy



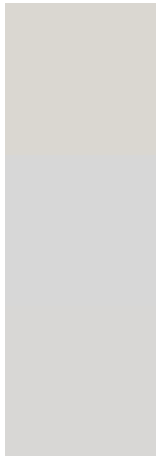
Original Color
86, 3.307, 90.541

Protanomaly
86, 3.615, 79.452

Deuteranomaly
86, 7.365, 19.875

Tritanomaly
86, 5.379, 318.277

Monochromacy



Original Color
86, 3.307, 90.541

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.095, 90.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.307, 90.541 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(218, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 209)  
}
```

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(218, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.307, 90.541 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(218, 215, 209) }
```

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

```
.border{ border-color:rgb(218, 215, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 215, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.307, 90.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 209) }
```

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

```
.background{ background-color: rgb(218,  
215, 209) }
```

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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