

Converting Colors

CIELCh(86, 2.612, 8.514)

Have a look what the booklet for
CIELCh(86, 2.612, 8.514) contains.

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Color

CIELCh(86, 2.958, 9.239)

Conversions

Conversions Part 1

Format	Color
Hex	DDD5D6
RGB	221, 213, 214
RGB Percent	87%, 84%, 84%
CMY	0.1324, 0.1637, 0.1598
CMYK	0.00, 0.04, 0.03, 0.13
HSL	353°, 11%, 85%
HSV	353°, 4%, 87%
XYZ	65.9156, 67.9871, 73.4283
YIQ	215.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

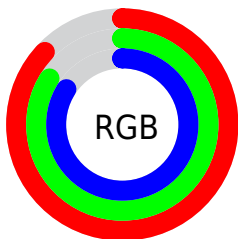
Format	Color
RYB	221, 213, 214
Decimal	14538198
CIELab	86.00, 2.92, 0.47
CIElCh	86, 2.958, 9.239
Yxy	67.9871, 0.3179, 0.3279
Android (android.graphics.Color)	4292728278 (0xFFDDD5D6)
YUV	215.5060, -0.7425, 4.8182
Hunter-Lab	82.4543, -1.5985, 4.9183

Details

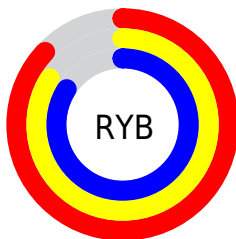
The CIELCh color **86, 2.958, 9.239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 2.901, 189.068**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 3.131, 9.379** is the 20% darker color. If you saturate the color by 10%, you get **80, 11.485, 10.347**, and if you desaturate by 10%, it is **92, 5.048, 188.795**.

Distribution



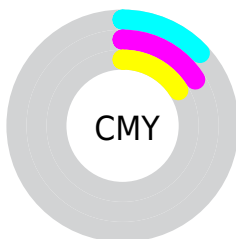
- Red (87%)
- Green (84%)
- Blue (84%)



- Red (87%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 2.958, 9.239 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, 2.958, 9.239 by changing the saturation by 10% instead.

86, 2.958, 9.239

86, 2.958, 9.239

100, 2.958, 9.239

76, 2.958, 9.239

66, 2.958, 9.239

56, 2.958, 9.239

46, 2.958, 9.239

36, 2.958, 9.239

26, 2.958, 9.239

16, 2.958, 9.239

6, 2.958, 9.239

0, 2.958, 9.239

86, 2.958, 9.239

86, 2.958, 9.239

80, 11.485, 10.347

92, 5.048, 188.795

74, 20.530, 11.497

98, 11.510,
193.568

68, 30.037, 12.894

98, 11.399,
198.745

63, 39.873, 14.635

58, 49.815, 16.838

54, 59.549, 19.641

51, 68.722, 23.170

48, 77.042, 27.449

47, 84.282, 32.225

Harmonies

Complementary

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



86, 2.958, 9.239



88, 2.901, 189.068

Rectangle

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



86, 2.958, 9.239



86, 2.958, 59.239



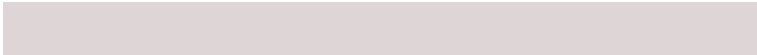
86, 2.958, 189.239



86, 2.958, 239.239

Sweetspot

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



86, 2.956, 9.272



99, 0.913, 8.550



86, 4.908, 320.886



53, 0.519, 8.510



0, 0.000, 0.000



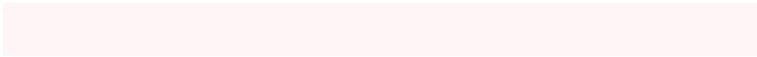
53, 0.007, 296.813

Same Dimension

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



86, 2.956, 9.272



97, 3.675, 9.327



87, 2.378, 59.283



45, 2.312, 9.412



36, 72.956, 34.267



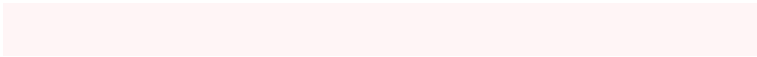
5, 23.722, 14.886

Inverse Universe

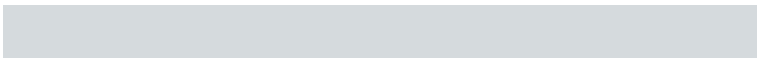
The Inverse Universe completely reimagines the original color for something new.



86, 2.956, 9.272



97, 3.675, 9.327



87, 2.351, 240.380



45, 2.312, 9.412



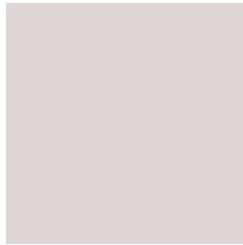
36, 72.956, 34.267



5, 23.722, 14.886

Previews

White Background



This preview shows how the CIELCh color 86, 2.958, 9.239 looks on a white background.

Color Contrast Check

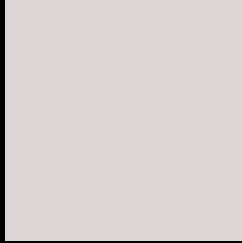
Large Text (above 18pt) WCAG AA × Fail

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, 2.958, 9.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

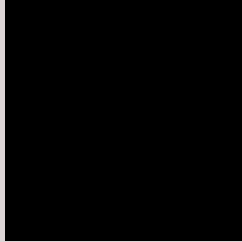
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

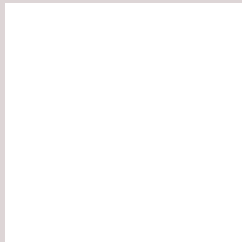
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 2.958, 9.239

Background



This preview shows how black text looks on a background with the CIELCh color 86, 2.958, 9.239.



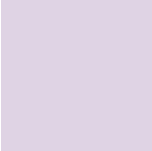
This preview shows how white text looks on a background with the CIELCh color 86, 2.958, 9.239.

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, 9.943, 316.211

Trichromacy



Original Color

86, 2.958, 9.239

Protanomaly

86, 2.243, 5.816

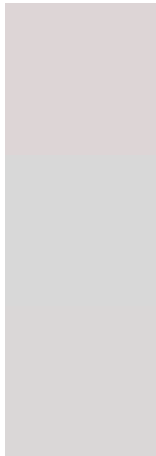
Deuteranomaly

86, 8.120, 1.190

Tritanomaly

86, 6.833, 322.174

Monochromacy



Original Color

86, 2.958, 9.239

Achromatopsia

86, 0.010, 296.813

Achromatomaly

86, 1.085, 18.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 2.958, 9.239 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(221, 213, 214)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 214)  
}
```

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(221, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 2.958, 9.239 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(221, 213, 214) }
```

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

```
.border{ border-color:rgb(221, 213, 214) }
```

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

Here you see how a box with a 4 pixel rgb(221, 213, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 2.958, 9.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 214) }
```

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

```
.background{ background-color: rgb(221,  
213, 214) }
```

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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