

Converting Colors

CIELCh(86, 4.979, 313.969)

Have a look what the booklet for
CIELCh(86, 4.979, 313.969) contains.

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Color

CIELCh(86, 5.219, 314.801)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5DE
RGB	219, 213, 222
RGB Percent	86%, 84%, 87%
CMY	0.1408, 0.1643, 0.1290
CMYK	0.01, 0.04, 0.00, 0.13
HSL	280°, 12%, 85%
HSV	280°, 4%, 87%
XYZ	66.2549, 67.9871, 78.8020
YIQ	215.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

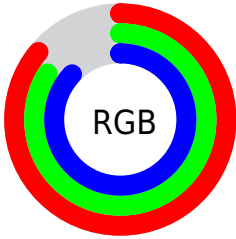
Format	Color
R _Y B	219, 213, 222
Decimal	14407134
CIE Lab	86.00, 3.68, -3.70
CIE LCh	86, 5.219, 314.801
Yxy	67.9871, 0.3110, 0.3191
Android (android.graphics.Color)	4292597214 (0xFFDBD5DE)
YUV	215.8200, 3.0467, 2.7889
Hunter-Lab	82.4543, -0.8641, 1.0543

Details

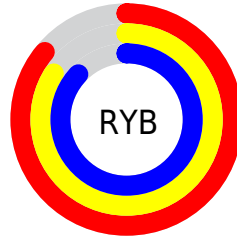
The CIELCh color `86, 5.219, 314.801` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 5.181, 134.534`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 5.510, 314.860` is the 20% darker color. If you saturate the color by 10%, you get `80, 18.286, 315.247`, and if you desaturate by 10%, it is `92, 7.536, 134.457`.

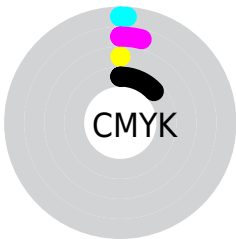
Distribution



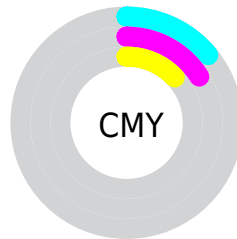
- Red (86%)
- Green (84%)
- Blue (87%)



- Red (86%)
- Yellow (84%)
- Blue (87%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.219, 314.801 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, 5.219, 314.801 by changing the saturation by 10% instead.

■ 86, 5.219, 314.801

■ 86, 5.219, 314.801

■ 100, 5.219,
314.801

■ 76, 5.219, 314.801

■ 66, 5.219, 314.801

■ 56, 5.219, 314.801

■ 46, 5.219, 314.801

■ 36, 5.219, 314.801

■ 26, 5.219, 314.801

■ 16, 5.219, 314.801

■ 6, 5.219, 314.801

■ 0, 5.219, 314.801

86, 5.219, 314.801

86, 5.219, 314.801

80, 18.286,
315.247

92, 7.536, 134.457

74, 31.601,
315.691

98, 18.420,
133.290

68, 45.032,
316.134

98, 17.440,
125.457

62, 58.360,
316.553

99, 16.829,
116.748

57, 71.247,
316.913

99, 16.645,
108.919

52, 83.194,
317.166

48, 93.545,
317.248

44, 101.573,
317.084

■ 42,106.701,
316.608

Harmonies

Complementary

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



86, 5.219, 314.801



88, 5.181, 134.534

Rectangle

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



86, 5.219, 314.801



86, 5.219, 4.801



86, 5.219, 134.801



86, 5.219, 184.801

Sweetspot

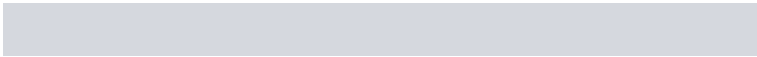
The Sweet Spot groups the original color and five complimentary colors.



86, 5.217, 314.797



99, 1.443, 314.566



86, 3.251, 270.365



53, 0.821, 314.556



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, 5.217, 314.797



97, 7.209, 314.845



86, 5.184, 329.022



45, 4.431, 314.874



32, 91.212, 316.365



5, 34.635, 316.563

Inverse Universe

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



86, 3.635, 353.917



97, 5.027, 354.037



88, 5.164, 148.659



45, 3.092, 354.109



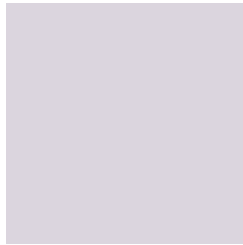
37, 65.368, 17.814



6, 25.434, 5.833

Previews

White Background



This preview shows how the CIELCh color 86, 5.219, 314.801 looks on a white background.

Color Contrast Check

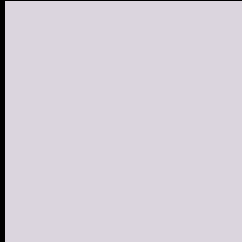
Large Text (above 18pt) WCAG AA × Fail

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, 5.219, 314.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

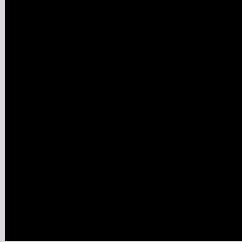
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

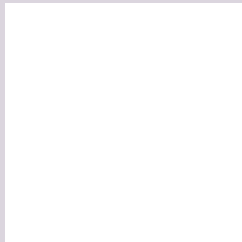
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.219, 314.801

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.219, 314.801.

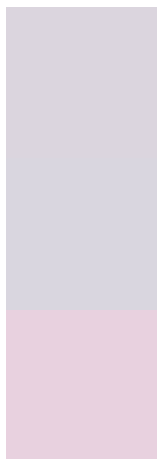


This preview shows how white text looks on a background with the CIELCh color 86, 5.219, 314.801.

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

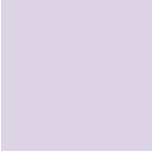
86, 5.219, 314.801

Protanopia

86, 4.863, 303.254

Deuteranopia

86, 11.114, 338.940



Tritanopia
86, 9.407, 308.362

Trichromacy



Original Color
86, 5.219, 314.801

Protanomaly
86, 4.958, 307.270

Deuteranomaly
86, 9.201, 332.235

Tritanomaly
86, 7.922, 311.765

Monochromacy



Original Color
86, 5.219, 314.801

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.746, 314.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.219, 314.801 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.219, 314.801 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, 222) }
```

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

```
.border{ border-color:rgb(219, 213, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.219, 314.801 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, 222) }
```

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

```
.background{ background-color: rgb(219,  
213, 222) }
```

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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