

Converting Colors

CIELCh(88, 5.837, 298.953)

Have a look what the booklet for
CIELCh(88, 5.837, 298.953) contains.

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Color

CIELCh(88, 5.865, 301.055)

Conversions

Conversions Part 1

Format	Color
Hex	DEDBE6
RGB	222, 219, 230
RGB Percent	87%, 86%, 90%
CMY	0.1286, 0.1403, 0.0972
CMYK	0.03, 0.05, 0.00, 0.10
HSL	256°, 18%, 88%
HSV	256°, 5%, 90%
XYZ	69.8921, 72.0653, 85.2495
YIQ	221.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

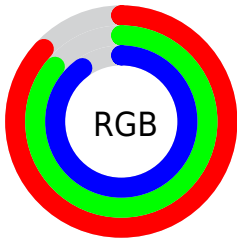
Format	Color
R _Y B	222, 219, 230
Decimal	14605286
CIE Lab	88.00, 3.03, -5.02
CIE LCh	88, 5.865, 301.055
Yxy	72.0653, 0.3076, 0.3172
Android (android.graphics.Color)	4292795366 (0xFFDEDBE6)
YUV	221.1510, 4.3626, 0.7446
Hunter-Lab	84.8913, -1.5982, -0.1163

Details

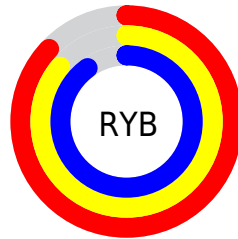
The CIELCh color `88, 5.865, 301.055` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 5.791, 120.488`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 6.186, 301.145` is the 20% darker color. If you saturate the color by 10%, you get `81, 18.451, 301.724`, and if you desaturate by 10%, it is `95, 6.272, 120.476`.

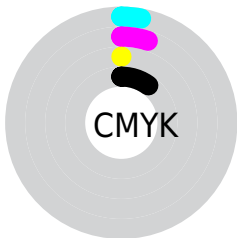
Distribution



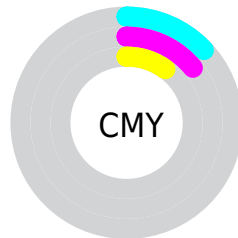
- Red (87%)
- Green (86%)
- Blue (90%)



- Red (87%)
- Yellow (86%)
- Blue (90%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.865, 301.055 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 88, 5.865, 301.055 by changing the saturation by 10% instead.

■ 88, 5.865, 301.055

■ 88, 5.865, 301.055

100, 5.865,
301.055

■ 78, 5.865, 301.055

■ 68, 5.865, 301.055

■ 58, 5.865, 301.055

■ 48, 5.865, 301.055

■ 38, 5.865, 301.055

■ 28, 5.865, 301.055

■ 18, 5.865, 301.055

■ 8, 5.865, 301.055

■ 0, 5.865, 301.055

88, 5.865, 301.055

88, 5.865, 301.055

81, 18.451,
301.724

95, 6.272, 120.476

74, 31.502,
302.491

99, 12.542,
109.230

67, 45.001,
303.355

60, 58.879,
304.305

53, 72.961,
305.315

47, 86.868,
306.321

41, 99.879,
307.213

36, 110.826,
307.820

■ 33,118.295,
307.944

Harmonies

Complementary

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



88, 5.865, 301.055



91, 5.791, 120.488

Rectangle

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



88, 5.865, 301.055



88, 5.865, 351.055



88, 5.865, 121.055



88, 5.865, 171.055

Sweetspot

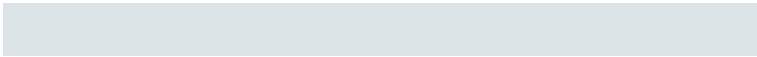
The Sweet Spot groups the original color and five complimentary colors.



88, 5.863, 301.046



99, 1.333, 300.789



90, 3.200, 227.896



53, 0.758, 300.784



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 5.863, 301.046



95, 8.016, 301.127



88, 6.511, 317.976



46, 4.881, 301.165



23, 99.786, 308.008



3, 34.359, 303.416

Inverse Universe

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



89, 5.769, 333.450



96, 7.879, 333.547



90, 6.476, 137.631



46, 4.795, 333.591



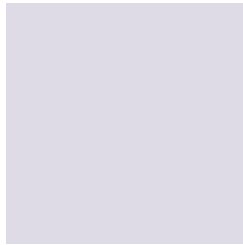
40, 71.950, 342.858



8, 31.051, 340.038

Previews

White Background



This preview shows how the CIELCh color 88, 5.865, 301.055 looks on a white background.

Color Contrast Check

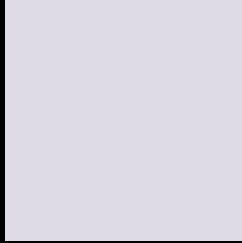
Large Text (above 18pt) WCAG AA × Fail

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 88, 5.865, 301.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

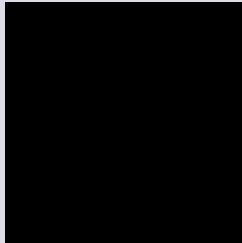
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

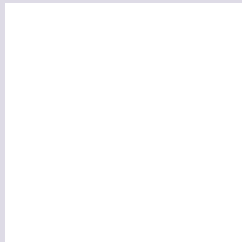
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.865, 301.055

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.865, 301.055.

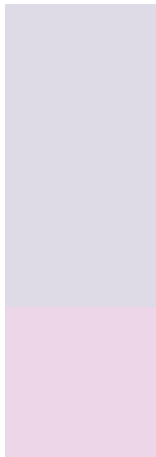


This preview shows how white text looks on a background with the CIELCh color 88, 5.865, 301.055.

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

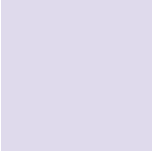
88, 5.865, 301.055

Protanopia

88, 5.865, 301.055

Deuteranopia

88, 12.143, 333.362



Tritanopia
88, 9.601, 301.427

Trichromacy



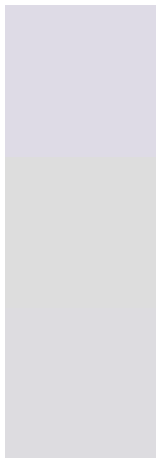
Original Color
88, 5.865, 301.055

Protanomaly
88, 5.865, 301.055

Deuteranomaly
88, 9.736, 326.524

Tritanomaly
88, 8.577, 302.656

Monochromacy



Original Color
88, 5.865, 301.055

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.132, 300.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.865, 301.055 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(222, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 230)  
}
```

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(222, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.865, 301.055 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(222, 219, 230) }
```

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

```
.border{ border-color:rgb(222, 219, 230) }
```

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

Here you see how a box with a 4 pixel rgb(222, 219, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.865, 301.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 230) }
```

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

```
.background{ background-color: rgb(222,  
219, 230) }
```

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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