

Converting Colors

CIELCh(88, 9.601, 301.427)

Have a look what the booklet for
CIELCh(88, 9.601, 301.427) contains.

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Color

CIELCh(88, 9.601, 301.427)

Conversions

Conversions Part 1

Format	Color
Hex	DFDAEC
RGB	223, 218, 236
RGB Percent	87%, 85%, 93%
CMY	0.1245, 0.1441, 0.0735
CMYK	0.06, 0.08, 0.00, 0.07
HSL	257°, 32%, 89%
HSV	257°, 8%, 93%
XYZ	70.8164, 72.0653, 89.7210
YIQ	221.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

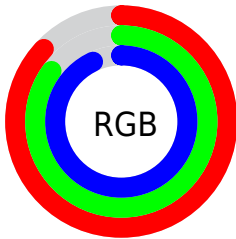
Format	Color
R _Y B	223, 218, 236
Decimal	14670572
CIE Lab	88.00, 5.01, -8.19
CIE LCh	88, 9.601, 301.427
Yxy	72.0653, 0.3045, 0.3098
Android (android.graphics.Color)	4292860652 (0xFFDFDAEC)
YUV	221.5470, 7.1253, 1.2743
Hunter-Lab	84.8913, 0.3451, -3.2393

Details

The CIELCh color `88, 9.601, 301.427` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 9.444, 120.513`, 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, 9.587, 302.136` is the 20% darker color. If you saturate the color by 10%, you get `81, 22.595, 302.118`, and if you desaturate by 10%, it is `95, 2.931, 120.838`.

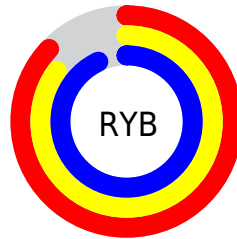
Distribution



Red (87%)

Green (85%)

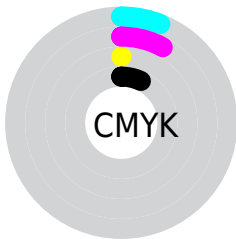
Blue (93%)



Red (87%)

Yellow (85%)

Blue (93%)

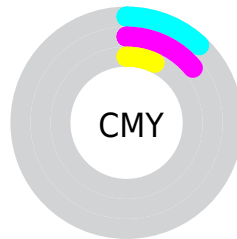


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.601, 301.427 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, 9.601, 301.427 by changing the saturation by 10% instead.

■ 88, 9.601, 301.427

■ 88, 9.601, 301.427

■ 100, 9.601,
301.427

■ 78, 9.601, 301.427

■ 68, 9.601, 301.427

■ 58, 9.601, 301.427

■ 48, 9.601, 301.427

■ 38, 9.601, 301.427

■ 28, 9.601, 301.427

■ 18, 9.601, 301.427

■ 8, 9.601, 301.427

■ 0, 9.601, 301.427

88, 9.601, 301.427

88, 9.601, 301.427

81, 22.595,
302.118

95, 2.931, 120.838

74, 36.062,
302.906

100, 9.493,
109.458

66, 49.970,
303.787

59, 64.223,
304.747

53, 78.590,
305.750

46, 92.595,
306.720

40, 105.373,
307.530

36, 115.616,
307.994

■ 33, 122.037,
307.947

Harmonies

Complementary

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



88, 9.601, 301.427



93, 9.444, 120.513

Rectangle

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



88, 9.601, 301.427



88, 9.601, 351.427



88, 9.601, 121.427



88, 9.601, 171.427

Sweetspot

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



88, 9.599, 301.422



98, 2.662, 301.059



91, 5.179, 228.010



53, 1.513, 301.052



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, 9.599, 301.422



93, 12.093, 301.516



89, 10.631, 318.113



45, 7.139, 301.544



24, 100.771, 308.060



3, 36.549, 304.514

Inverse Universe

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



89, 9.381, 333.868



94, 11.802, 333.971



92, 10.570, 137.487



46, 6.965, 334.002



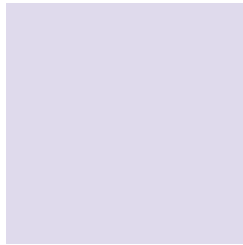
40, 72.447, 343.240



8, 31.904, 340.478

Previews

White Background



This preview shows how the CIELCh color 88, 9.601, 301.427 looks on a white background.

Color Contrast Check

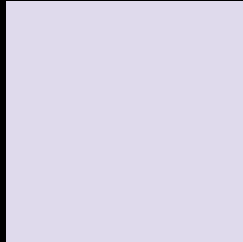
Large Text (above 18pt) WCAG AA × Fail

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 88, 9.601, 301.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

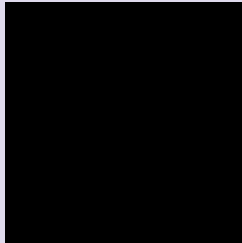
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

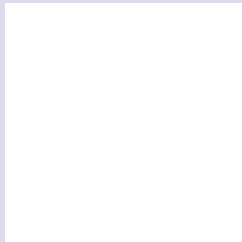
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.601, 301.427

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.601, 301.427.

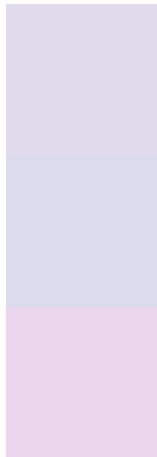


This preview shows how white text looks on a background with the CIELCh color 88, 9.601, 301.427.

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

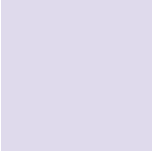
88, 9.601, 301.427

Protanopia

88, 9.423, 293.071

Deuteranopia

88, 14.187, 322.541



Tritanopia
88, 9.601, 301.427

Trichromacy



Original Color
88, 9.601, 301.427

Protanomaly
88, 9.447, 295.179

Deuteranomaly
88, 12.237, 316.540

Tritanomaly
88, 9.601, 301.427

Monochromacy



Original Color
88, 9.601, 301.427

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 3.163, 296.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.601, 301.427 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(223, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 236)  
}
```

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(223, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.601, 301.427 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(223, 218, 236) }
```

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

```
.border{ border-color:rgb(223, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.601, 301.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 236) }
```

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

```
.background{ background-color: rgb(223,  
218, 236) }
```

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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