

Converting Colors

CIELCh(88, 13.760, 300.560)

Have a look what the booklet for
CIELCh(88, 13.760, 300.560)
contains.

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Color

CIELCh(88, 13.852, 301.320)

Conversions

Conversions Part 1

Format	Color
Hex	E0D9F3
RGB	224, 217, 243
RGB Percent	88%, 85%, 95%
CMY	0.1209, 0.1484, 0.0464
CMYK	0.08, 0.11, 0.00, 0.05
HSL	256°, 52%, 90%
HSV	256°, 11%, 95%
XYZ	71.8499, 72.0653, 95.0497
YIQ	222.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

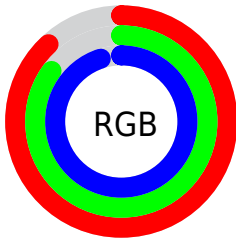
Format	Color
R _Y B	224, 217, 243
Decimal	14735859
CIE Lab	88.00, 7.20, -11.83
CIE LCh	88, 13.852, 301.320
Yxy	72.0653, 0.3007, 0.3016
Android (android.graphics.Color)	4292925939 (0xFFE0D9F3)
YUV	222.0570, 10.3249, 1.7040
Hunter-Lab	84.8913, 2.5183, -6.9610

Details

The CIELCh color **88, 13.852, 301.320** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95, 13.551, 119.994**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 14.070, 301.883** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.294, 302.053**, and if you desaturate by 10%, it is **95, 0.890, 300.630**.

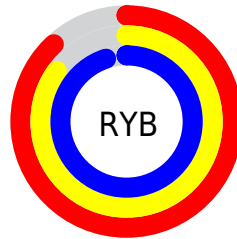
Distribution



Red (88%)

Green (85%)

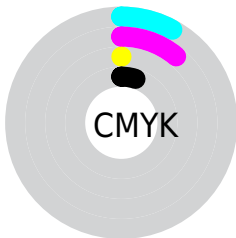
Blue (95%)



Red (88%)

Yellow (85%)

Blue (95%)

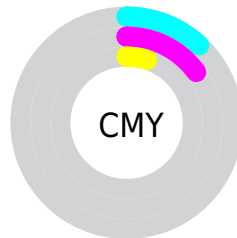


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (12%)


Magenta (15%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 13.852, 301.320 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, 13.852, 301.320 by changing the saturation by 10% instead.


 88, 13.852,
301.320


 88, 13.852,
301.320


 100, 13.852,
301.320


 78, 13.852,
301.320

 68, 13.852,
301.320

 58, 13.852,
301.320

 48, 13.852,
301.320

 38, 13.852,
301.320

 28, 13.852,
301.320

 18, 13.852,

301.320

■ 8, 13.852, 301.320

■ 0, 13.852, 301.320

■ 88, 13.852,
301.320

■ 88, 13.852,
301.320

■ 81, 27.294,
302.053

■ 95, 0.890, 300.630

■ 73, 41.221,
302.887

■ 100, 5.987,
109.717

■ 66, 55.586,
303.815

■ 59, 70.261,
304.819

■ 52, 84.948,

305.851

■ 45, 99.049,
306.820

■ 40, 111.517,
307.574

■ 36, 120.893,
307.917

■ 33, 126.152,
307.806

Harmonies

Complementary

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



88, 13.852, 301.320



95, 13.551, 119.994

Rectangle

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



88, 13.852, 301.320



88, 13.852, 351.320



88, 13.852, 121.320



88, 13.852, 171.320

Sweetspot

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



88, 13.850, 301.317



98, 3.990, 300.808



92, 7.387, 228.189



52, 3.027, 300.860



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, 13.850, 301.317



90, 17.574, 301.481



89, 15.317, 318.255



47, 7.386, 301.234



24, 103.036, 307.944



4, 40.736, 305.881

Inverse Universe

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



89, 13.590, 333.756



92, 17.199, 333.923



94, 15.212, 137.333



48, 7.256, 333.670



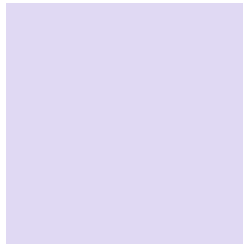
42, 74.355, 342.681



10, 33.890, 340.280

Previews

White Background



This preview shows how the CIELCh color 88, 13.852, 301.320 looks on a white background.

Color Contrast Check

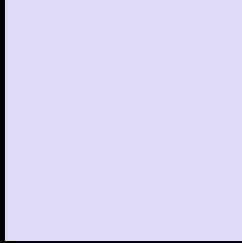
Large Text (above 18pt) WCAG AA × Fail

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, 13.852, 301.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

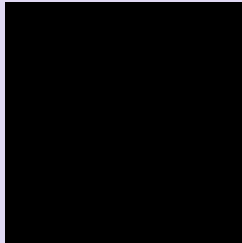
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 13.852, 301.320

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.852, 301.320.



This preview shows how white text looks on a background with the CIELCh color 88, 13.852, 301.320.

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

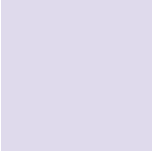
88, 13.852, 301.320

Protanopia

88, 13.065, 289.756

Deuteranopia

88, 16.223, 311.364



Tritanopia
88, 9.601, 301.427

Trichromacy



Original Color
88, 13.852, 301.320

Protanomaly
88, 13.627, 294.179

Deuteranomaly
88, 15.381, 308.346

Tritanomaly
88, 11.145, 300.038

Monochromacy



Original Color
88, 13.852, 301.320

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 5.348, 302.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.852, 301.320 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(224, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 243)  
}
```

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(224, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.852, 301.320 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(224, 217, 243) }
```

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

```
.border{ border-color:rgb(224, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 217, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 217, 243); box-shadow:4px 4px 4px 4px rgb(224, 217, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.852, 301.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 243) }
```

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

```
.background{ background-color: rgb(224,  
217, 243) }
```

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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