

Converting Colors

CIELCh(88, 15.210, 283.438)

Have a look what the booklet for
CIELCh(88, 15.210, 283.438)
contains.

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Color

CIELCh(88, 15.280, 282.554)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCF9
RGB	213, 220, 249
RGB Percent	84%, 86%, 98%
CMY	0.1653, 0.1378, 0.0241
CMYK	0.14, 0.12, 0.00, 0.02
HSL	228°, 75%, 91%
HSV	228°, 14%, 98%
XYZ	70.0296, 72.0653, 99.7208
YIQ	221.2130, -13.4810, 7.5350

Conversions

Conversions Part 2

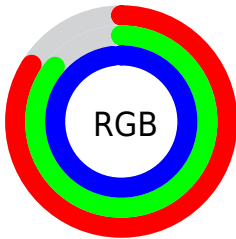
Format	Color
R _Y B	213, 219, 249
Decimal	14015737
CIE Lab	88.00, 3.32, -14.91
CIE LCh	88, 15.280, 282.554
Yxy	72.0653, 0.2896, 0.2980
Android (android.graphics.Color)	4292205817 (0xFFD5DCF9)
YUV	221.2130, 13.6990, -7.2028
Hunter-Lab	84.8913, -1.3091, -10.2234

Details

The CIELCh color **88, 15.280, 282.554** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95, 15.024, 99.060**, 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, 15.562, 282.718** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.232, 284.059**, and if you desaturate by 10%, it is **95, 4.654, 281.283**.

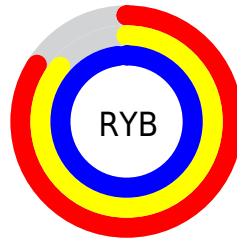
Distribution



Red (84%)

Green (86%)

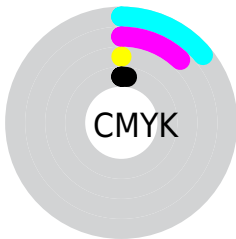
Blue (98%)



Red (84%)

Yellow (86%)

Blue (98%)

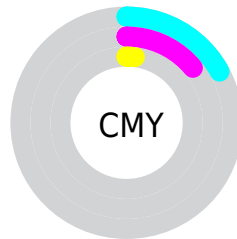


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (17%)


Magenta (14%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.280, 282.554 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, 15.280, 282.554 by changing the saturation by 10% instead.


 88, 15.280,
282.554


 88, 15.280,
282.554


 100, 15.280,
282.554


 78, 15.280,
282.554

 68, 15.280,
282.554

 58, 15.280,
282.554

 48, 15.280,
282.554

 38, 15.280,
282.554

 28, 15.280,
282.554

 18, 15.280,

282.554

■ 8, 15.280, 282.554

■ 0, 15.280, 282.554

■ 88, 15.280,
282.554

■ 88, 15.280,
282.554

■ 81, 26.232,
284.059

■ 95, 4.654, 281.283

■ 74, 37.544,
285.830

■ 100, 3.106,
109.921

■ 68, 49.252,
287.898

■ 61, 61.386,
290.287

■ 54, 73.945,

292.985

■ 48, 86.817,
295.919

■ 43, 99.626,
298.924

■ 38, 111.552,
301.739

■ 36, 117.349,
303.073

Harmonies

Complementary

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



88, 15.280, 282.554



95, 15.024, 99.060

Rectangle

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



88, 15.280, 282.554



88, 15.280, 332.554



88, 15.280, 102.554



88, 15.280, 152.554

Sweetspot

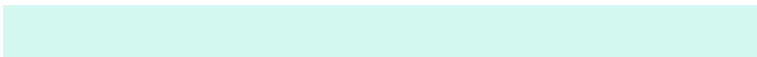
The Sweet Spot groups the original color and five complimentary colors.



88, 15.278, 282.550



97, 4.251, 281.233



95, 12.947, 181.984



51, 3.023, 281.316



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, 15.278, 282.550



88, 18.384, 282.912



87, 19.293, 302.697



48, 5.982, 281.888



27, 93.994, 302.653



5, 36.205, 296.999

Inverse Universe

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



88, 13.696, 5.045



89, 16.528, 5.339



96, 18.760, 120.968



49, 5.330, 4.496



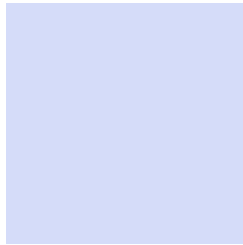
39, 74.430, 29.948



9, 31.018, 18.036

Previews

White Background



This preview shows how the CIE LCh color 88, 15.280, 282.554 looks on a white background.

Color Contrast Check

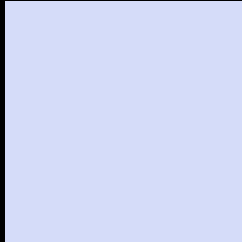
Large Text (above 18pt) WCAG AA × Fail

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, 15.280, 282.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

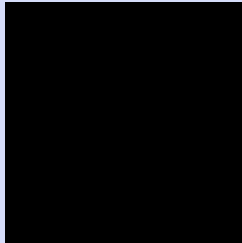
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 15.280, 282.554

Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.280, 282.554.

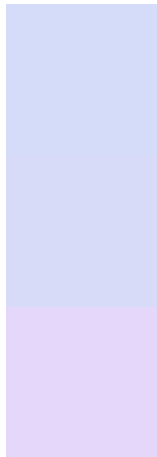


This preview shows how white text looks on a background with the CIELCh color 88, 15.280, 282.554.

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

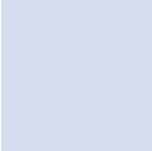
88, 15.280, 282.554

Protanopia

88, 15.171, 287.589

Deuteranopia

88, 18.914, 305.220



Tritanopia
88, 9.938, 270.789

Trichromacy



Original Color
88, 15.280, 282.554

Protanomaly
88, 15.191, 286.321

Deuteranomaly
88, 17.375, 297.189

Tritanomaly
88, 11.825, 276.114

Monochromacy



Original Color
88, 15.280, 282.554

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.312, 279.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 15.280, 282.554 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(213, 220, 249)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 249)  
}
```

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(213, 220, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 15.280, 282.554 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(213, 220, 249) }
```

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

```
.border{ border-color:rgb(213, 220, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 220, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 249);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 15.280, 282.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 249) }
```

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

```
.background{ background-color: rgb(213,  
220, 249) }
```

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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