

Converting Colors

CIELCh(88, 19.690, 291.208)

Have a look what the booklet for
CIELCh(88, 19.690, 291.208)
contains.

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Color

CIELCh(88, 19.340, 290.772)

Conversions

Conversions Part 1

Format	Color
Hex	D9DAFF
RGB	217, 218, 255
RGB Percent	85%, 85%, 100%
CMY	0.1493, 0.1453, 0.0003
CMYK	0.15, 0.15, 0.00, 0.00
HSL	238°, 100%, 93%
HSV	238°, 15%, 100%
XYZ	71.6883, 72.0653, 104.6808
YIQ	221.9190, -12.4730, 11.2950

Conversions

Conversions Part 2

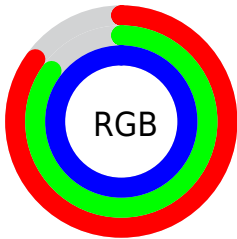
Format	Color
R _{YB}	217, 218, 255
Decimal	14277375
CIE Lab	88.00, 6.86, -18.08
CIE LCh	88, 19.340, 290.772
Yxy	72.0653, 0.2886, 0.2901
Android (android.graphics.Color)	4292467455 (0xFFD9DAFF)
YUV	221.9190, 16.3089, -4.3140
Hunter-Lab	84.8913, 2.1786, -13.6875

Details

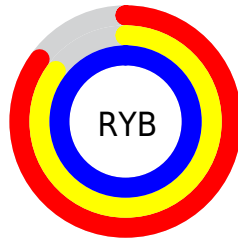
The CIELCh color `88, 19.340, 290.772` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 18.719, 107.624`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 19.302, 291.099` is the 20% darker color. If you saturate the color by 10%, you get `80, 32.977, 292.130`, and if you desaturate by 10%, it is `96, 6.246, 289.624`.

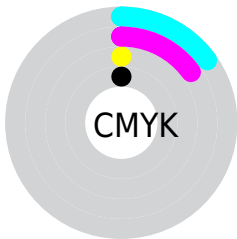
Distribution



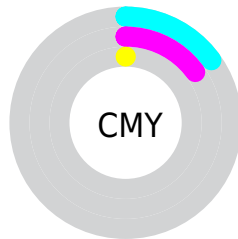
- Red (85%)
- Green (85%)
- Blue (100%)



- Red (85%)
- Yellow (85%)
- Blue (100%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 19.340, 290.772 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, 19.340, 290.772 by changing the saturation by 10% instead.


 88, 19.340,
290.772

 88, 19.340,
290.772


 100, 19.340,
290.772


 78, 19.340,
290.772


 68, 19.340,
290.772

 58, 19.340,
290.772

 48, 19.340,
290.772

 38, 19.340,
290.772

 28, 19.340,
290.772

 18, 19.340,

290.772

■ 8, 19.340, 290.772

■ 0, 19.340, 290.772

■ 88, 19.340,
290.772

■ 88, 19.340,
290.772

■ 80, 32.977,
292.130

■ 96, 6.246, 289.624

■ 72, 47.205,
293.733

100, 0.023,
106.816

■ 64, 62.039,
295.597

■ 56, 77.423,
297.715

■ 49, 93.079,

300.015

■ 42, 108.250,
302.321

■ 37, 121.373,
304.333

■ 34, 130.271,
305.705

■ 33, 132.756,
306.075

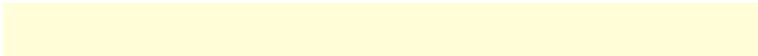
Harmonies

Complementary

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



88, 19.340, 290.772



99, 18.719, 107.624

Rectangle

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



88, 19.340, 290.772



88, 19.340, 340.772



88, 19.340, 110.772



88, 19.340, 160.772

Sweetspot

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



88, 19.338, 290.769



97, 5.088, 289.532



97, 12.831, 195.742



51, 3.620, 289.608



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, 19.338, 290.769



86, 23.505, 291.167



89, 20.815, 308.607



49, 7.301, 290.125



23, 106.592, 305.983



4, 43.290, 301.323

Inverse Universe

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



90, 14.054, 18.286



88, 17.177, 18.581



98, 20.361, 127.206



49, 5.253, 17.807



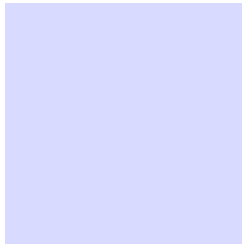
40, 83.061, 38.974



10, 33.150, 26.123

Previews

White Background



This preview shows how the CIELCh color 88, 19.340, 290.772 looks on a white background.

Color Contrast Check

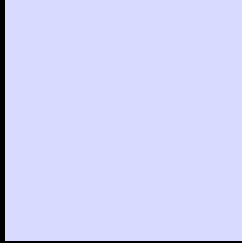
Large Text (above 18pt) WCAG AA × Fail

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, 19.340, 290.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

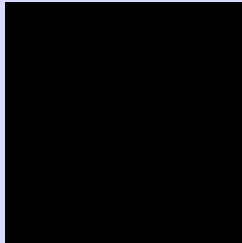
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 19.340, 290.772

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.340, 290.772.

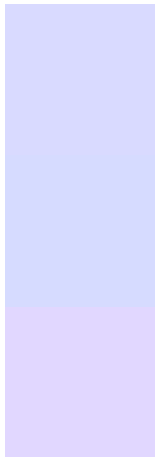


This preview shows how white text looks on a background with the CIELCh color 88, 19.340, 290.772.

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, 19.340, 290.772

Protanopia

88, 18.849, 286.655

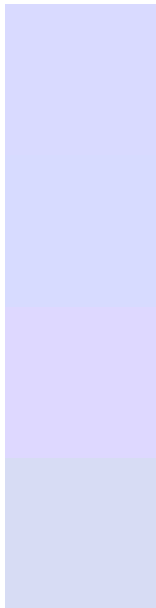
Deuteranopia

88, 21.266, 300.986



Tritanopia
88, 9.153, 275.641

Trichromacy



Original Color
88, 19.340, 290.772

Protanomaly
88, 18.829, 287.659

Deuteranomaly
88, 20.546, 297.466

Tritanomaly
88, 12.619, 283.453

Monochromacy



Original Color
88, 19.340, 290.772

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 6.792, 287.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.340, 290.772 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(217, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 255)  
}
```

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(217, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.340, 290.772 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(217, 218, 255) }
```

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

```
.border{ border-color:rgb(217, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.340, 290.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 255) }
```

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

```
.background{ background-color: rgb(217,  
218, 255) }
```

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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