

Converting Colors

CIELCh(88, 13.421, 276.666)

Have a look what the booklet for
CIELCh(88, 13.421, 276.666)
contains.

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Color

CIELCh(88, 13.410, 276.658)

Conversions

Conversions Part 1

Format	Color
Hex	D3DDF6
RGB	211, 221, 246
RGB Percent	83%, 87%, 96%
CMY	0.1733, 0.1341, 0.0361
CMYK	0.14, 0.10, 0.00, 0.04
HSL	223°, 66%, 90%
HSV	223°, 14%, 96%
XYZ	69.2111, 72.0653, 97.2840
YIQ	220.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

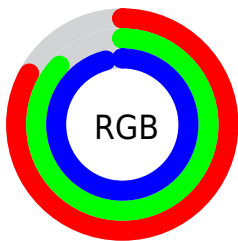
Format	Color
R _Y B	211, 219, 246
Decimal	13884918
CIE Lab	88.00, 1.55, -13.32
CIE LCh	88, 13.410, 276.658
Yxy	72.0653, 0.2901, 0.3021
Android (android.graphics.Color)	4292074998 (0xFFD3DDF6)
YUV	220.8600, 12.3940, -8.6472
Hunter-Lab	84.8913, -3.0303, -8.5214

Details

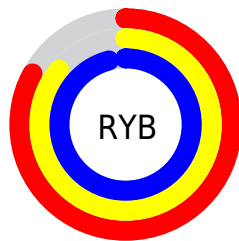
The CIELCh color `88, 13.410, 276.658` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 13.341, 92.974`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 13.589, 276.571` is the 20% darker color. If you saturate the color by 10%, you get `82, 23.069, 278.250`, and if you desaturate by 10%, it is `94, 3.956, 275.321`.

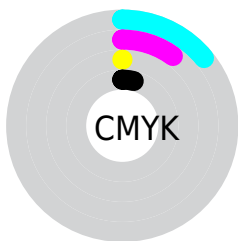
Distribution



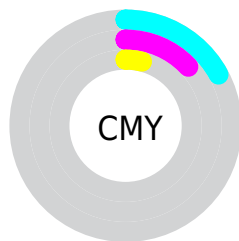
- Red (83%)
- Green (87%)
- Blue (96%)



- Red (83%)
- Yellow (86%)
- Blue (96%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 13.410, 276.658 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, 13.410, 276.658 by changing the saturation by 10% instead.

■ 88, 13.410,
276.658

■ 88, 13.410,
276.658

■ 100, 13.410,
276.658

■ 78, 13.410,
276.658

■ 68, 13.410,
276.658

■ 58, 13.410,
276.658

■ 48, 13.410,
276.658

■ 38, 13.410,
276.658

■ 28, 13.410,
276.658

■ 18, 13.410,

276.658

■ 8, 13.410, 276.658

■ 0, 13.410, 276.658

■ 88, 13.410,
276.658

■ 88, 13.410,
276.658

■ 82, 23.069,
278.250

■ 94, 3.956, 275.321

■ 76, 32.953,
280.126

■ 100, 4.657,
109.813

■ 69, 43.085,
282.320

■ 63, 53.499,
284.865

■ 58, 64.232,

287.768

■ 52, 75.291,
290.989

■ 47, 86.586,
294.406

■ 42, 97.805,
297.810

■ 40, 104.024,
299.620

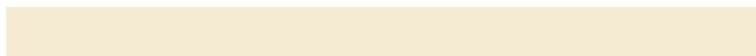
Harmonies

Complementary

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



88, 13.410, 276.658



94, 13.341, 92.974

Rectangle

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



88, 13.410, 276.658



88, 13.410, 326.658



88, 13.410, 96.658



88, 13.410, 146.658

Sweetspot

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



88, 13.408, 276.652



97, 3.847, 275.296



94, 13.344, 174.657



52, 2.735, 275.381



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, 13.408, 276.652



89, 16.542, 277.073



86, 18.593, 299.055



48, 5.310, 275.982



30, 82.989, 299.055



6, 31.367, 293.042

Inverse Universe

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



88, 13.813, 358.327



89, 17.089, 358.647



95, 18.034, 117.019



48, 5.441, 357.801



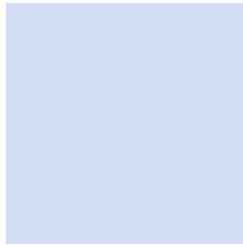
39, 69.722, 22.414



9, 29.711, 12.100

Previews

White Background



This preview shows how the CIE LCh color 88, 13.410, 276.658 looks on a white background.

Color Contrast Check

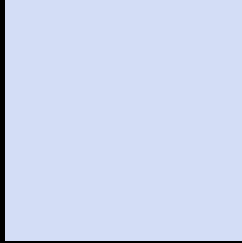
Large Text (above 18pt) WCAG AA × Fail

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, 13.410, 276.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

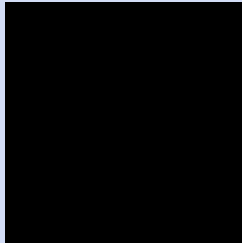
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

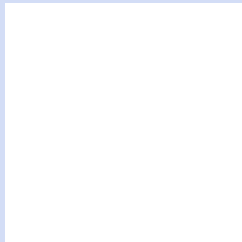
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 13.410, 276.658

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.410, 276.658.

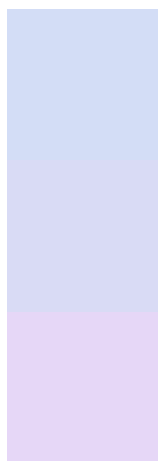


This preview shows how white text looks on a background with the CIELCh color 88, 13.410, 276.658.

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

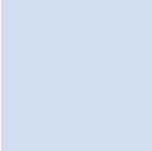
88, 13.410, 276.658

Protanopia

88, 13.594, 288.425

Deuteranopia

88, 17.591, 308.577



Tritanopia
88, 9.696, 265.847

Trichromacy



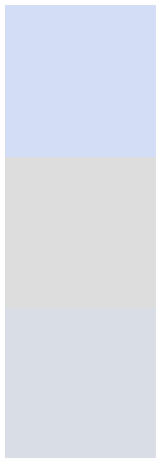
Original Color
88, 13.410, 276.658

Protanomaly
88, 13.136, 283.817

Deuteranomaly
88, 15.861, 298.885

Tritanomaly
88, 10.643, 268.387

Monochromacy



Original Color
88, 13.410, 276.658

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.886, 273.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.410, 276.658 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(211, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 246)  
}
```

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(211, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.410, 276.658 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(211, 221, 246) }
```

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

```
.border{ border-color:rgb(211, 221, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.410, 276.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 246) }
```

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

```
.background{ background-color: rgb(211,  
221, 246) }
```

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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