

Converting Colors

CIELCh(88, 11.587, 282.640)

Have a look what the booklet for
CIELCh(88, 11.587, 282.640)
contains.

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Color

CIELCh(88, 11.587, 282.640)

Conversions

Conversions Part 1

Format	Color
Hex	D7DCF2
RGB	215, 220, 242
RGB Percent	84%, 86%, 95%
CMY	0.1567, 0.1371, 0.0509
CMYK	0.11, 0.09, 0.00, 0.05
HSL	229°, 51%, 90%
HSV	229°, 11%, 95%
XYZ	69.6647, 72.0653, 94.2653
YIQ	221.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

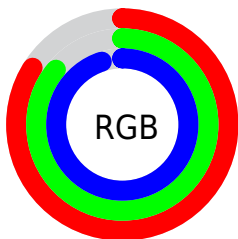
Format	Color
R _Y B	215, 219, 242
Decimal	14146802
CIE Lab	88.00, 2.54, -11.31
CIE LCh	88, 11.587, 282.640
Yxy	72.0653, 0.2952, 0.3054
Android (android.graphics.Color)	4292336882 (0xFFD7DCF2)
YUV	221.0130, 10.3466, -5.2734
Hunter-Lab	84.8913, -2.0764, -6.4131

Details

The CIELCh color `88, 11.587, 282.640` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 11.422, 99.998`, 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, 11.672, 282.577` is the 20% darker color. If you saturate the color by 10%, you get `81, 22.303, 284.051`, and if you desaturate by 10%, it is `95, 1.192, 281.545`.

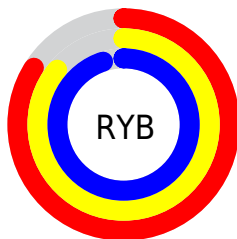
Distribution



Red (84%)

Green (86%)

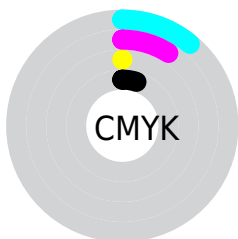
Blue (95%)



Red (84%)

Yellow (86%)

Blue (95%)

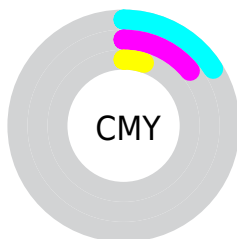


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (16%)


Magenta (14%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 11.587, 282.640 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, 11.587, 282.640 by changing the saturation by 10% instead.


 88, 11.587,
282.640


 88, 11.587,
282.640


 100, 11.587,
282.640


 78, 11.587,
282.640

 68, 11.587,
282.640

 58, 11.587,
282.640

 48, 11.587,
282.640

 38, 11.587,
282.640

 28, 11.587,
282.640

 18, 11.587,

282.640

■ 8, 11.587, 282.640

■ 0, 11.587, 282.640

■ 88, 11.587,
282.640

■ 88, 11.587,
282.640

■ 81, 22.303,
284.051

■ 95, 1.192, 281.545

■ 74, 33.374,
285.717

■ 100, 6.564,
109.675

■ 68, 44.831,
287.667

■ 61, 56.708,
289.928

■ 55, 69.016,

292.502

■ 48, 81.682,
295.337

■ 43, 94.417,
298.299

■ 38, 106.532,
301.151

■ 35, 115.826,
303.309

Harmonies

Complementary

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



88, 11.587, 282.640



94, 11.422, 99.998

Rectangle

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



88, 11.587, 282.640



88, 11.587, 332.640



88, 11.587, 102.640



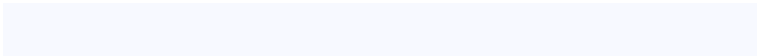
88, 11.587, 152.640

Sweetspot

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



88, 11.585, 282.634



98, 3.219, 281.668



93, 9.810, 182.307



52, 2.441, 281.750



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, 11.585, 282.634



91, 14.123, 282.883



87, 14.462, 302.474



47, 5.841, 282.418



26, 92.836, 302.892



5, 32.979, 295.161

Inverse Universe

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



88, 10.206, 5.379



91, 12.471, 5.586



94, 14.150, 121.165



47, 5.134, 5.197



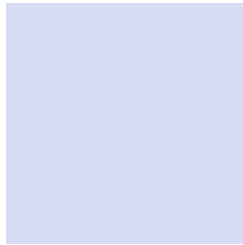
38, 73.300, 30.510



8, 29.046, 16.209

Previews

White Background



This preview shows how the CIELCh color 88, 11.587, 282.640 looks on a white background.

Color Contrast Check

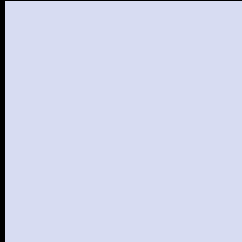
Large Text (above 18pt) WCAG AA × Fail

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, 11.587, 282.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

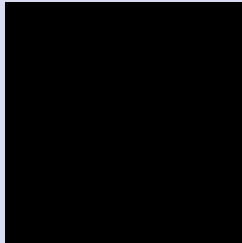
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

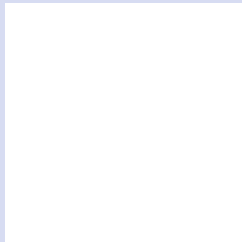
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 11.587, 282.640

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.587, 282.640.

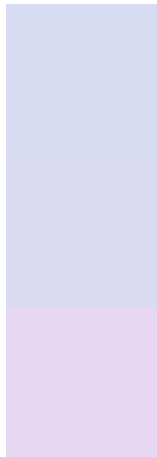


This preview shows how white text looks on a background with the CIELCh color 88, 11.587, 282.640.

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, 11.587, 282.640

Protanopia

88, 11.500, 289.416

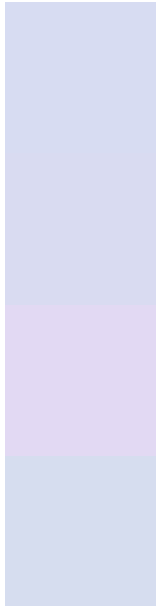
Deuteranopia

88, 15.862, 313.199



Tritanopia
88, 9.153, 275.641

Trichromacy



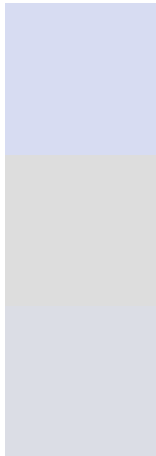
Original Color
88, 11.587, 282.640

Protanomaly
88, 11.509, 287.709

Deuteranomaly
88, 13.995, 304.116

Tritanomaly
88, 9.656, 276.525

Monochromacy



Original Color
88, 11.587, 282.640

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.229, 280.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 11.587, 282.640 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(215, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 220, 242)  
}
```

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(215, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 220, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.587, 282.640 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(215, 220, 242) }
```

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

```
.border{ border-color:rgb(215, 220, 242) }
```

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

Here you see how a box with a 4 pixel rgb(215, 220, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 220,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.587, 282.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 220, 242) }
```

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

```
.background{ background-color: rgb(215,  
220, 242) }
```

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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