

Converting Colors

CIELCh(88, 11.423, 295.917)

Have a look what the booklet for
CIELCh(88, 11.423, 295.917)
contains.

CIELCh(88, 11.571, 296.269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 11.571, 296.269)

Conversions

Conversions Part 1

Format	Color
Hex	DDDAF0
RGB	221, 218, 240
RGB Percent	87%, 85%, 94%
CMY	0.1319, 0.1437, 0.0574
CMYK	0.08, 0.09, 0.00, 0.06
HSL	248°, 43%, 90%
HSV	248°, 9%, 94%
XYZ	70.8703, 72.0653, 92.8920
YIQ	221.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

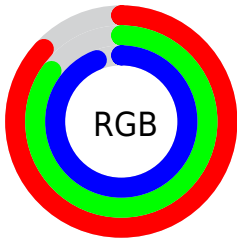
Format	Color
R_{YB}	221, 218, 240
Decimal	14539504
CIE Lab	88.00, 5.12, -10.38
CIE LCh	88, 11.571, 296.269
Yxy	72.0653, 0.3005, 0.3056
Android (android.graphics.Color)	4292729584 (0xFFDDDAF0)
YUV	221.4050, 9.1673, -0.3552
Hunter-Lab	84.8913, 0.4586, -5.4540

Details

The CIELCh color **88, 11.571, 296.269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **94, 11.328, 114.826**, 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, 11.660, 296.691** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.685, 297.199**, and if you desaturate by 10%, it is **96, 1.036, 115.447**.

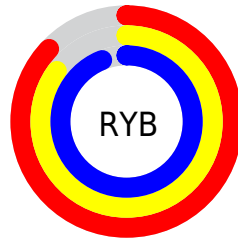
Distribution



Red (87%)

Green (85%)

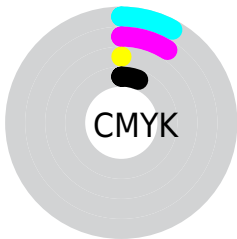
Blue (94%)



Red (87%)

Yellow (85%)

Blue (94%)

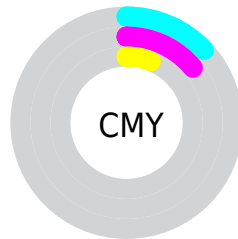


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (14%)

Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 11.571, 296.269 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, 11.571, 296.269 by changing the saturation by 10% instead.


 88, 11.571,
296.269

 88, 11.571,
296.269


 100, 11.571,
296.269


 78, 11.571,
296.269


 68, 11.571,
296.269

 58, 11.571,
296.269

 48, 11.571,
296.269

 38, 11.571,
296.269

 28, 11.571,
296.269

 18, 11.571,

296.269

■ 8, 11.571, 296.269

■ 0, 11.571, 296.269

■ 88, 11.571,
296.269

■ 88, 11.571,
296.269

■ 80, 24.685,
297.199

■ 96, 1.036, 115.447

■ 73, 38.338,
298.283

■ 100, 7.411,
109.613

■ 65, 52.528,
299.528

■ 58, 67.195,
300.927

■ 51, 82.132,

302.442

■ 44, 96.826,
303.980

■ 38, 110.223,
305.358

■ 34, 120.633,
306.319

■ 31, 126.649,
306.695

Harmonies

Complementary

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



88, 11.571, 296.269



94, 11.328, 114.826

Rectangle

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



88, 11.571, 296.269



88, 11.571, 346.269



88, 11.571, 116.269



88, 11.571, 166.269

Sweetspot

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



88, 11.569, 296.264



98, 3.937, 295.759



93, 6.725, 212.123



52, 2.988, 295.822



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, 11.569, 296.264



91, 14.636, 296.429



89, 12.533, 313.954



46, 7.169, 296.292



22, 103.689, 306.806



3, 38.178, 301.918

Inverse Universe

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



89, 12.652, 328.918



93, 15.967, 329.036



93, 12.411, 133.213



47, 7.837, 328.938



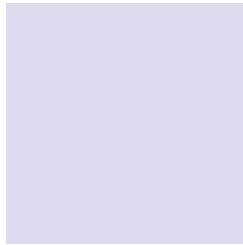
42, 81.164, 334.518



9, 35.956, 333.530

Previews

White Background



This preview shows how the CIELCh color 88, 11.571, 296.269 looks on a white background.

Color Contrast Check

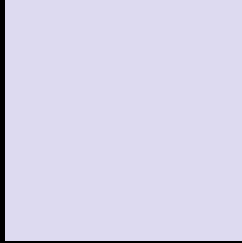
Large Text (above 18pt) WCAG AA × Fail

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, 11.571, 296.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

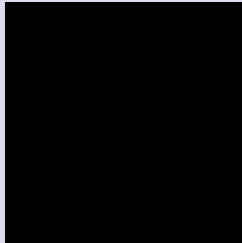
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 11.571, 296.269

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.571, 296.269.

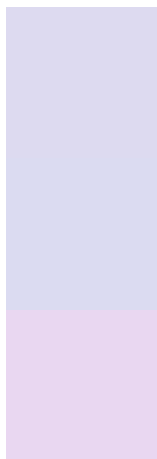


This preview shows how white text looks on a background with the CIELCh color 88, 11.571, 296.269.

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

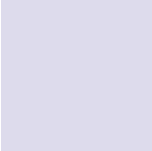
88, 11.571, 296.269

Protanopia

88, 11.500, 291.129

Deuteranopia

88, 15.048, 315.930



Tritanopia
88, 8.926, 295.392

Trichromacy



Original Color
88, 11.571, 296.269

Protanomaly
88, 11.510, 292.843

Deuteranomaly
88, 13.896, 310.215

Tritanomaly
88, 9.968, 294.992

Monochromacy



Original Color
88, 11.571, 296.269

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 4.201, 295.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 11.571, 296.269 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(221, 218, 240)` looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 240)  
}
```

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(221, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.571, 296.269 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(221, 218, 240) }
```

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

```
.border{ border-color:rgb(221, 218, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 218, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 240);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.571, 296.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 240) }
```

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

```
.background{ background-color: rgb(221,  
218, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor