

Converting Colors

CIELCh(83, 10.078, 337.787)

Have a look what the booklet for
CIELCh(83, 10.078, 337.787)
contains.

CIELCh(83, 10.302, 338.420)	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(83, 10.302, 338.420)

Conversions

Conversions Part 1

Format	Color
Hex	DEC9D6
RGB	222, 201, 214
RGB Percent	87%, 79%, 84%
CMY	0.1294, 0.2117, 0.1608
CMYK	0.00, 0.09, 0.04, 0.13
HSL	323°, 24%, 83%
HSV	323°, 9%, 87%
XYZ	63.1533, 62.1629, 72.2932
YIQ	208.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

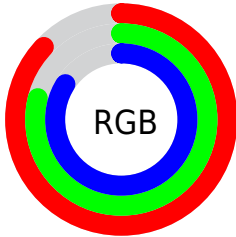
Format	Color
R _Y B	222, 201, 214
Decimal	14600662
CIE Lab	83.00, 9.58, -3.79
CIE LCh	83, 10.302, 338.420
Yxy	62.1629, 0.3196, 0.3146
Android (android.graphics.Color)	4292790742 (0xFFDEC9D6)
YUV	208.7610, 2.5828, 11.6106
Hunter-Lab	78.8435, 5.0017, 0.8262

Details

The CIELCh color $83, 10.302, 338.420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 10.222, 157.081$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 10.230, 339.499$ is the 20% darker color. If you saturate the color by 10%, you get $77, 21.351, 339.243$, and if you desaturate by 10%, it is $89, 0.576, 158.406$.

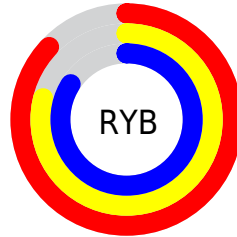
Distribution



Red (87%)

Green (79%)

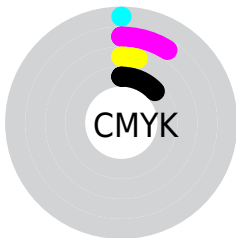
Blue (84%)



Red (87%)

Yellow (79%)

Blue (84%)

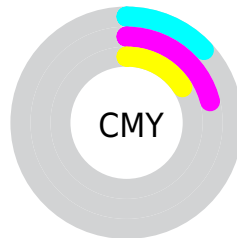


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (13%)



Cyan (13%)


Magenta (21%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 10.302, 338.420 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 83, 10.302, 338.420 by changing the saturation by 10% instead.


 83, 10.302,
338.420


 83, 10.302,
338.420


 100, 10.302,
338.420


 73, 10.302,
338.420

 63, 10.302,
338.420

 53, 10.302,
338.420

 43, 10.302,
338.420

 33, 10.302,
338.420

 23, 10.302,
338.420

 13, 10.302,

338.420

■ 3, 10.302, 338.420

■ 0, 10.302, 338.420

■ 83, 10.302,
338.420

■ 83, 10.302,
338.420

■ 77, 21.351,
339.243

■ 89, 0.576, 158.406

■ 72, 32.420,
340.122

■ 95, 11.183,
157.070

■ 67, 43.256,
341.087

■ 97, 14.064,
164.017

■ 62, 53.497,
342.169

■ 98, 11.938,
180.836

■ 58, 62.666,

■ 98, 11.150,
198.761

343.409

■ 54, 70.208,
344.870

■ 52, 75.595,
346.640

■ 50, 78.503,
348.832

■ 49, 79.209,
351.515

Harmonies

Complementary

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



83, 10.302, 338.420



87, 10.222, 157.081

Rectangle

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



83, 10.302, 338.420



83, 10.302, 28.420



83, 10.302, 158.420



83, 10.302, 208.420

Sweetspot

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



83, 10.300, 338.423



98, 3.636, 337.859



82, 11.507, 304.779



52, 2.758, 337.943



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 10.300, 338.423



93, 13.424, 338.555



83, 7.912, 9.226



44, 6.238, 338.422



38, 66.790, 351.169



7, 27.985, 346.344

Inverse Universe

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



83, 10.300, 338.423



93, 13.424, 338.555



87, 7.565, 187.759



44, 6.238, 338.422



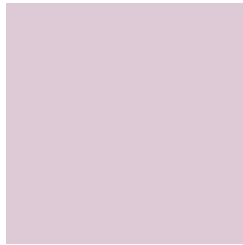
38, 66.790, 351.169



7, 27.985, 346.344

Previews

White Background



This preview shows how the CIELCh color 83, 10.302, 338.420 looks on a white background.

Color Contrast Check

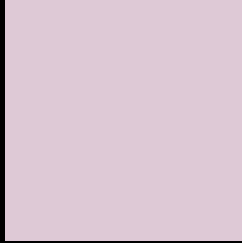
Large Text (above 18pt) WCAG AA × Fail

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 83, 10.302, 338.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

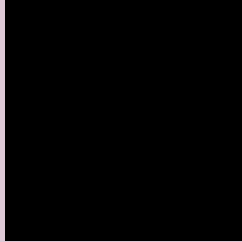
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

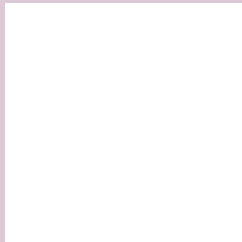
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.302, 338.420

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.302, 338.420.



This preview shows how white text looks on a background with the CIELCh color 83, 10.302, 338.420.

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

83, 10.302, 338.420

Protanopia

83, 5.874, 297.653

Deuteranopia

83, 11.201, 338.970



Tritanopia
83, 11.025, 334.321

Trichromacy



Original Color
83, 10.302, 338.420

Protanomaly
83, 7.162, 317.501

Deuteranomaly
83, 11.201, 338.970

Tritanomaly
83, 10.657, 336.299

Monochromacy



Original Color
83, 10.302, 338.420

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.949, 337.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.302, 338.420 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(222, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 214)  
}
```

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(222, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.302, 338.420 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(222, 201, 214) }
```

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

```
.border{ border-color:rgb(222, 201, 214) }
```

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

Here you see how a box with a 4 pixel rgb(222, 201, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.302, 338.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 214) }
```

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

```
.background{ background-color: rgb(222,  
201, 214) }
```

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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