

Converting Colors

CIELCh(83, 21.272, 320.706)

Have a look what the booklet for
CIELCh(83, 21.272, 320.706)
contains.

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Color

CIELCh(83, 21.403, 321.185)

Conversions

Conversions Part 1

Format	Color
Hex	E3C5E8
RGB	227, 197, 232
RGB Percent	89%, 77%, 91%
CMY	0.1094, 0.2270, 0.0898
CMYK	0.02, 0.15, 0.00, 0.09
HSL	291°, 43%, 84%
HSV	291°, 15%, 91%
XYZ	66.2854, 62.1629, 84.9314
YIQ	209.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

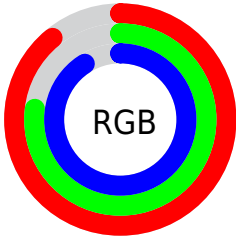
Format	Color
R _Y B	227, 197, 232
Decimal	14927336
CIE Lab	83.00, 16.68, -13.42
CIE LCh	83, 21.403, 321.185
Yxy	62.1629, 0.3106, 0.2913
Android (android.graphics.Color)	4293117416 (0xFFE3C5E8)
YUV	209.9600, 10.8657, 14.9441
Hunter-Lab	78.8435, 12.0926, -8.6777

Details

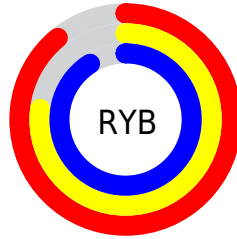
The CIELCh color $83, 21.403, 321.185$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89, 21.285, 139.727$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $63, 21.242, 321.086$ is the 20% darker color. If you saturate the color by 10%, you get $77, 35.757, 321.657$, and if you desaturate by 10%, it is $89, 7.154, 320.692$.

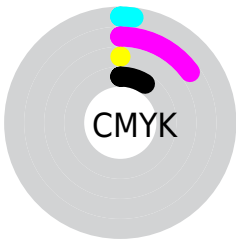
Distribution



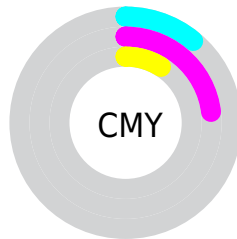
- Red (89%)
- Green (77%)
- Blue (91%)



- Red (89%)
- Yellow (77%)
- Blue (91%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)





- Cyan (11%)
- Magenta (23%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 21.403, 321.185 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, 21.403, 321.185 by changing the saturation by 10% instead.


 83, 21.403,
321.185


 83, 21.403,
321.185


 100, 21.403,
321.185


 73, 21.403,
321.185

 63, 21.403,
321.185

 53, 21.403,
321.185

 43, 21.403,
321.185

 33, 21.403,
321.185

 23, 21.403,
321.185

 13, 21.403,

321.185

■ 3, 21.403, 321.185

■ 0, 21.403, 321.185

■ 83, 21.403,
321.185

■ 83, 21.403,
321.185

■ 77, 35.757,
321.657

■ 89, 7.154, 320.692

■ 72, 49.999,
322.109

■ 95, 6.840, 140.306

■ 66, 63.795,
322.521

■ 98, 13.327,
137.932

■ 62, 76.687,
322.863

■ 98, 12.785,
133.403

■ 58, 88.099,

■ 99, 12.330,
128.470

323.103

99, 11.974,
123.166

54, 97.399,
323.204

99, 11.727,
117.553

52, 104.043,
323.131

99, 11.601,
111.726

50, 107.790,
322.864

99, 11.585,
109.302

49, 108.882,
322.681

Harmonies

Complementary

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



83, 21.403, 321.185



89, 21.285, 139.727

Rectangle

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



83, 21.403, 321.185



83, 21.403, 11.185



83, 21.403, 141.185



83, 21.403, 191.185

Sweetspot

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



83, 21.401, 321.185



97, 7.602, 320.690



82, 15.843, 285.082



51, 5.189, 320.727



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, 21.401, 321.185



88, 27.621, 321.329



83, 17.481, 337.467



46, 8.100, 320.914



38, 90.377, 322.766



8, 38.579, 323.525

Inverse Universe

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



83, 13.333, 9.080



88, 17.331, 9.420



89, 17.325, 155.249



46, 4.983, 8.481



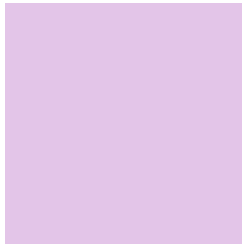
38, 74.572, 33.323



7, 28.031, 16.845

Previews

White Background



This preview shows how the CIELCh color 83, 21.403, 321.185 looks on a white background.

Color Contrast Check

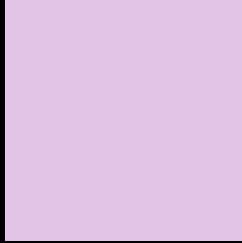
Large Text (above 18pt) WCAG AA × Fail

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, 21.403, 321.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

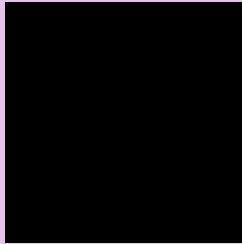
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 21.403, 321.185

Background



This preview shows how black text looks on a background with the CIELCh color 83, 21.403, 321.185.



This preview shows how white text looks on a background with the CIELCh color 83, 21.403, 321.185.

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





Tritanopia
83, 12.434, 337.600

Trichromacy



Original Color
83, 21.403, 321.185

Protanomaly
83, 17.747, 300.582

Deuteranomaly
83, 17.928, 314.528

Tritanomaly
83, 15.602, 329.478

Monochromacy



Original Color
83, 21.403, 321.185

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.963, 320.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 21.403, 321.185 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(227, 197, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 197, 232)  
}
```

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(227, 197, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 197, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 21.403, 321.185 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(227, 197, 232) }
```

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

```
.border{ border-color:rgb(227, 197, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 197, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 197,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 21.403, 321.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 197, 232) }
```

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

```
.background{ background-color: rgb(227,  
197, 232) }
```

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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