

Converting Colors

CIELCh(83, 13.898, 354.739)

Have a look what the booklet for
CIELCh(83, 13.898, 354.739)
contains.

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Color

CIELCh(83, 13.823, 355.755)

Conversions

Conversions Part 1

Format	Color
Hex	E8C6D1
RGB	232, 198, 209
RGB Percent	91%, 78%, 82%
CMY	0.0901, 0.2234, 0.1803
CMYK	0.00, 0.15, 0.10, 0.09
HSL	341°, 43%, 84%
HSV	341°, 15%, 91%
XYZ	64.9970, 62.1629, 68.9094
YIQ	209.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

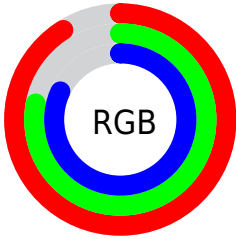
Format	Color
R _Y B	232, 198, 209
Decimal	15255249
CIE Lab	83.00, 13.79, -1.02
CIE LCh	83, 13.823, 355.755
Yxy	62.1629, 0.3315, 0.3170
Android (android.graphics.Color)	4293445329 (0xFFE8C6D1)
YUV	209.4200, -0.2071, 19.8027
Hunter-Lab	78.8435, 9.1758, 3.3708

Details

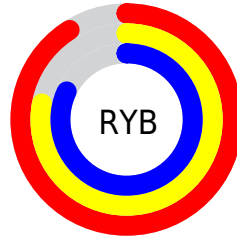
The CIELCh color **83, 13.823, 355.755** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 13.295, 173.016**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 13.917, 354.752** is the 20% darker color. If you saturate the color by 10%, you get **77, 23.645, 356.946**, and if you desaturate by 10%, it is **89, 4.306, 354.664**.

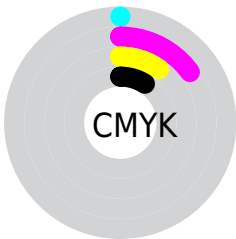
Distribution



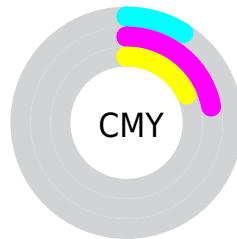
- Red (91%)
- Green (78%)
- Blue (82%)



- Red (91%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 13.823, 355.755 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, 13.823, 355.755 by changing the saturation by 10% instead.


 83, 13.823,
355.755


 83, 13.823,
355.755


 100, 13.823,
355.755


 73, 13.823,
355.755

 63, 13.823,
355.755

 53, 13.823,
355.755

 43, 13.823,
355.755

 33, 13.823,
355.755

 23, 13.823,
355.755

 13, 13.823,

355.755

■ 3, 13.823, 355.755

■ 0, 13.823, 355.755

■ 83, 13.823,
355.755

■ 83, 13.823,
355.755

■ 77, 23.645,
356.946

■ 89, 4.306, 354.664

■ 71, 33.641,
358.329

■ 95, 4.832, 174.004

■ 98, 7.847, 198.993

■ 66, 43.580,
359.988

■ 61, 53.116, 2.023

■ 57, 61.809, 4.574

■ 53, 69.196, 7.809

■ 51, 74.968, 11.904

■ 50, 79.179, 16.946

■ 49, 81.133, 19.875

Harmonies

Complementary

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



83, 13.823, 355.755



89, 13.295, 173.016

Rectangle

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



83, 13.823, 355.755



83, 13.823, 45.755



83, 13.823, 175.755



83, 13.823, 225.755

Sweetspot

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



83, 13.821, 355.760



97, 3.993, 354.585



83, 19.772, 315.279



51, 2.841, 354.679



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, 13.821, 355.760



88, 18.443, 356.150



84, 11.086, 35.624



45, 5.258, 355.195



38, 66.349, 18.810



7, 26.688, 7.160

Inverse Universe

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



83, 13.821, 355.760



88, 18.443, 356.150



88, 10.066, 215.980



45, 5.258, 355.195



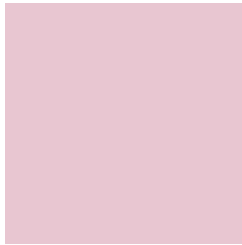
38, 66.349, 18.810



7, 26.688, 7.160

Previews

White Background



This preview shows how the CIELCh color 83, 13.823, 355.755 looks on a white background.

Color Contrast Check

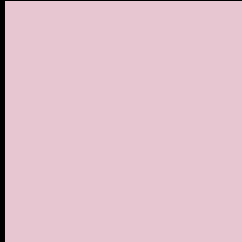
Large Text (above 18pt) WCAG AA × Fail

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, 13.823, 355.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

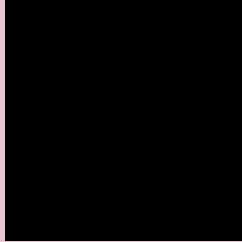
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 13.823, 355.755

Background



This preview shows how black text looks on a background with the CIELCh color 83, 13.823, 355.755.



This preview shows how white text looks on a background with the CIELCh color 83, 13.823, 355.755.

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, 13.823, 355.755

Protanopia

83, 4.384, 304.759

Deuteranopia

83, 10.687, 353.891



Tritanopia
83, 15.670, 348.138

Trichromacy



Original Color
83, 13.823, 355.755

Protanomaly
83, 6.997, 337.101

Deuteranomaly
83, 11.918, 354.110

Tritanomaly
83, 15.410, 349.813

Monochromacy



Original Color
83, 13.823, 355.755

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 4.882, 354.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 13.823, 355.755 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(232, 198, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 198, 209)  
}
```

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(232, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 198, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 13.823, 355.755 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(232, 198, 209) }
```

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

```
.border{ border-color:rgb(232, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 198,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 13.823, 355.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 198, 209) }
```

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

```
.background{ background-color: rgb(232,  
198, 209) }
```

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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