

Converting Colors

CIELCh(83, 28.332, 327.234)

Have a look what the booklet for
CIELCh(83, 28.332, 327.234)
contains.

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Color

CIELCh(83, 28.573, 327.314)

Conversions

Conversions Part 1

Format	Color
Hex	EFC0EC
RGB	239, 192, 236
RGB Percent	94%, 75%, 93%
CMY	0.0624, 0.2467, 0.0742
CMYK	0.00, 0.20, 0.01, 0.06
HSL	304°, 60%, 85%
HSV	304°, 20%, 94%
XYZ	69.6467, 62.1629, 87.7505
YIQ	211.0690, 13.8880, 23.6480

Conversions

Conversions Part 2

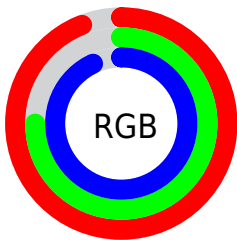
Format	Color
R _Y B	239, 192, 236
Decimal	15712492
CIE _{Lab}	83.00, 24.05, -15.43
CIE _{LCh}	83, 28.573, 327.314
Yxy	62.1629, 0.3172, 0.2831
Android (android.graphics.Color)	4293902572 (0xFFEFC0EC)
YUV	211.0690, 12.2910, 24.4955
Hunter-Lab	78.8435, 19.7025, -10.7976

Details

The CIELCh color **83, 28.573, 327.314** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90, 28.537, 144.915**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **63, 28.712, 327.660** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.056, 327.889**, and if you desaturate by 10%, it is **89, 13.980, 326.730**.

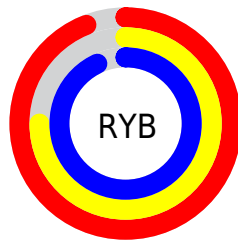
Distribution



Red (94%)

Green (75%)

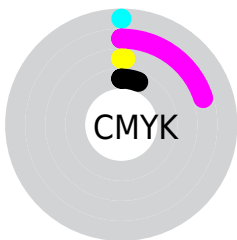
Blue (93%)



Red (94%)

Yellow (75%)

Blue (93%)

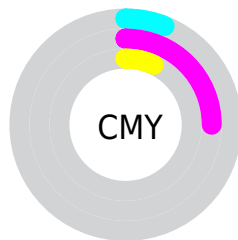


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (6%)



Cyan (6%)


Magenta (25%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 28.573, 327.314 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, 28.573, 327.314 by changing the saturation by 10% instead.


 83, 28.573,
327.314


 83, 28.573,
327.314


 100, 28.573,
327.314


 73, 28.573,
327.314

 63, 28.573,
327.314

 53, 28.573,
327.314

 43, 28.573,
327.314

 33, 28.573,
327.314

 23, 28.573,
327.314

 13, 28.573,

327.314

■ 3, 28.573, 327.314

■ 0, 28.573, 327.314

■ 83, 28.573,
327.314

■ 83, 28.573,
327.314

■ 78, 43.056,
327.889

■ 89, 13.980,
326.730

■ 72, 57.100,
328.448

■ 95, 0.482, 146.834

■ 68, 70.248,
328.981

■ 99, 9.245, 146.909

■ 99, 8.634, 150.002

■ 64, 81.944,
329.476

■ 99, 8.051, 153.547

■ 61, 91.587,

■ 99, 7.502, 157.619

329.924

99, 6.996, 162.298

58, 98.655,
330.320

99, 6.541, 167.659

57, 102.874,
330.668

99, 6.151, 173.751

56, 104.563,
330.983

56, 104.605,
330.994

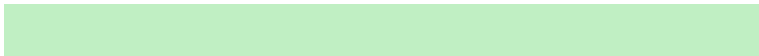
Harmonies

Complementary

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



83, 28.573, 327.314



90, 28.537, 144.915

Rectangle

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



83, 28.573, 327.314



83, 28.573, 17.314



83, 28.573, 147.314



83, 28.573, 197.314

Sweetspot

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



83, 28.570, 327.314



96, 9.132, 326.509



79, 25.157, 294.180



51, 6.059, 326.550



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, 28.570, 327.314



85, 36.761, 327.570



82, 20.527, 348.247



47, 8.242, 326.719



43, 85.889, 330.945



10, 37.756, 330.545

Inverse Universe

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



83, 28.570, 327.314



85, 36.761, 327.570



91, 19.895, 164.658



47, 8.242, 326.719



43, 85.889, 330.945



10, 37.756, 330.545

Previews

White Background



This preview shows how the CIELCh color 83, 28.573, 327.314 looks on a white background.

Color Contrast Check

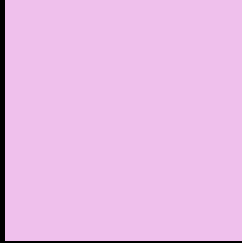
Large Text (above 18pt) WCAG AA × Fail

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, 28.573, 327.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

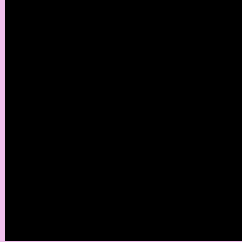
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 28.573, 327.314

Background



This preview shows how black text looks on a background with the CIELCh color 83, 28.573, 327.314.



This preview shows how white text looks on a background with the CIELCh color 83, 28.573, 327.314.

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, 28.573, 327.314

Protanopia
83, 21.204, 286.604

Deuteranopia
83, 17.509, 305.324



Tritanopia
83, 16.951, 351.007

Trichromacy



Original Color
83, 28.573, 327.314

Protanomaly
83, 22.842, 304.079

Deuteranomaly
83, 21.538, 315.617

Tritanomaly
83, 20.486, 339.100

Monochromacy



Original Color
83, 28.573, 327.314

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 10.471, 326.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 28.573, 327.314 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(239, 192, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 192, 236)  
}
```

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(239, 192, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 192, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 28.573, 327.314 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(239, 192, 236) }
```

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

```
.border{ border-color:rgb(239, 192, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 192, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 192, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 192, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 192,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 28.573, 327.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 192, 236) }
```

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

```
.background{ background-color: rgb(239,  
192, 236) }
```

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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