

Converting Colors

CIELCh(84, 17.851, 328.010)

Have a look what the booklet for
CIELCh(84, 17.851, 328.010)
contains.

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Color

CIELCh(84, 17.863, 328.009)

Conversions

Conversions Part 1

Format	Color
Hex	E7C9E4
RGB	231, 201, 228
RGB Percent	91%, 79%, 89%
CMY	0.0958, 0.2134, 0.1076
CMYK	0.00, 0.13, 0.01, 0.10
HSL	306°, 38%, 85%
HSV	306°, 13%, 90%
XYZ	67.5417, 64.0658, 81.8853
YIQ	213.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

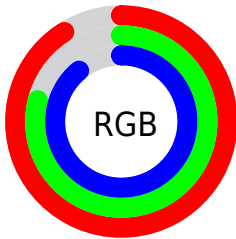
Format	Color
R _Y B	231, 201, 228
Decimal	15190500
CIE Lab	84.00, 15.15, -9.46
CIE LCh	84, 17.863, 328.009
Yxy	64.0658, 0.3164, 0.3001
Android (android.graphics.Color)	4293380580 (0xFFE7C9E4)
YUV	213.0480, 7.3713, 15.7439
Hunter-Lab	80.0411, 10.5532, -4.6273

Details

The CIELCh color **84, 17.863, 328.009** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89, 17.828, 146.466**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 17.931, 327.307** is the 20% darker color. If you saturate the color by 10%, you get **78, 31.680, 328.608**, and if you desaturate by 10%, it is **90, 4.104, 327.369**.

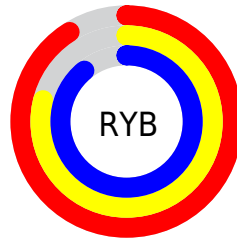
Distribution



Red (91%)

Green (79%)

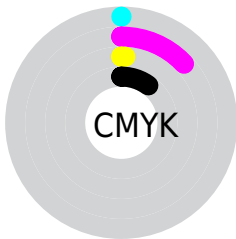
Blue (89%)



Red (91%)

Yellow (79%)

Blue (89%)

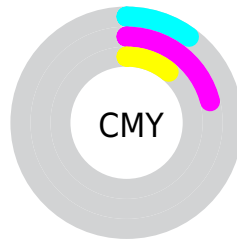


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 17.863, 328.009 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 84, 17.863, 328.009 by changing the saturation by 10% instead.

 84, 17.863,
328.009

 84, 17.863,
328.009


 100, 17.863,
328.009

 74, 17.863,
328.009

 64, 17.863,
328.009

 54, 17.863,
328.009

 44, 17.863,
328.009

 34, 17.863,
328.009

 24, 17.863,
328.009

 14, 17.863,

328.009

■ 4, 17.863, 328.009

■ 0, 17.863, 328.009

■ 84, 17.863,
328.009

■ 84, 17.863,
328.009

■ 78, 31.680,
328.608

■ 90, 4.104, 327.369

■ 73, 45.314,
329.202

■ 96, 9.427, 146.912

■ 68, 58.407,
329.788

■ 98, 13.632,
148.591

■ 64, 70.489,
330.355

■ 98, 12.730,
151.886

■ 60, 81.001,

■ 98, 11.873,
155.658

330.899

98, 11.072,
159.983

57, 89.365,
331.415

98, 10.340,
164.940

55, 95.124,
331.908

98, 9.694, 170.592

54, 98.110,
332.391

98, 9.151, 176.972

53, 98.901,
332.730

Harmonies

Complementary

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



84, 17.863, 328.009



89, 17.828, 146.466

Rectangle

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



84, 17.863, 328.009



84, 17.863, 18.009



84, 17.863, 148.009



84, 17.863, 198.009

Sweetspot

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



84, 17.860, 328.009



97, 5.931, 327.447



82, 15.961, 294.649



52, 4.216, 327.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 17.860, 328.009



90, 23.877, 328.194



84, 12.816, 349.560



45, 7.756, 327.795



41, 81.774, 332.648



8, 34.731, 331.903

Inverse Universe

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



84, 17.860, 328.009



90, 23.877, 328.194



89, 12.512, 167.263



45, 7.756, 327.795



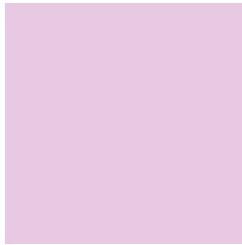
41, 81.774, 332.648



8, 34.731, 331.903

Previews

White Background



This preview shows how the CIELCh color 84, 17.863, 328.009 looks on a white background.

Color Contrast Check

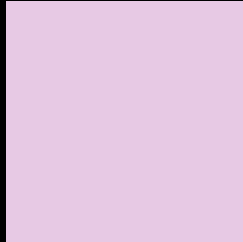
Large Text (above 18pt) WCAG AA × Fail

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 84, 17.863, 328.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

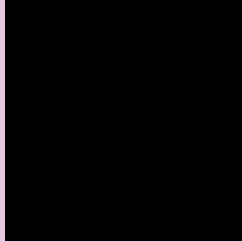
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 17.863, 328.009

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.863, 328.009.



This preview shows how white text looks on a background with the CIELCh color 84, 17.863, 328.009.

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

84, 12.954, 339.859

Trichromacy



Original Color
84, 17.863, 328.009

Protanomaly
84, 13.812, 307.464

Deuteranomaly
84, 14.949, 322.688

Tritanomaly
84, 14.896, 335.563

Monochromacy



Original Color
84, 17.863, 328.009

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.627, 327.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.863, 328.009 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(231, 201, 228)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 228)  
}
```

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(231, 201, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.863, 328.009 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(231, 201, 228) }
```

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

```
.border{ border-color:rgb(231, 201, 228) }
```

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

Here you see how a box with a 4 pixel rgb(231, 201, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 201, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 201, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 201,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.863, 328.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 228) }
```

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

```
.background{ background-color: rgb(231,  
201, 228) }
```

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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