

Converting Colors

CIELCh(84, 14.084, 328.646)

Have a look what the booklet for
CIELCh(84, 14.084, 328.646)
contains.

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Color

CIELCh(84, 14.084, 328.646)

Conversions

Conversions Part 1

Format	Color
Hex	E2CADF
RGB	226, 202, 223
RGB Percent	89%, 79%, 87%
CMY	0.1118, 0.2060, 0.1236
CMYK	0.00, 0.11, 0.01, 0.11
HSL	308°, 30%, 84%
HSV	308°, 11%, 89%
XYZ	66.1335, 64.0658, 79.0349
YIQ	211.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

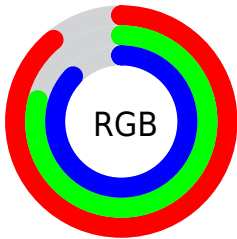
Format	Color
R _Y B	226, 202, 223
Decimal	14863071
CIE Lab	84.00, 12.03, -7.33
CIE LCh	84, 14.084, 328.646
Yxy	64.0658, 0.3161, 0.3062
Android (android.graphics.Color)	4293053151 (0xFFE2CADF)
YUV	211.5700, 5.6350, 12.6551
Hunter-Lab	80.0411, 7.4126, -2.5159

Details

The CIELCh color `84, 14.084, 328.646` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 14.051, 147.401`, 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, 14.184, 328.979` is the 20% darker color. If you saturate the color by 10%, you get `78, 27.475, 329.259`, and if you desaturate by 10%, it is `90, 0.799, 327.685`.

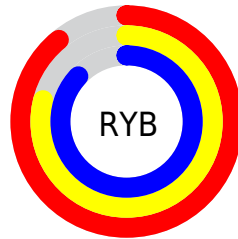
Distribution



Red (89%)

Green (79%)

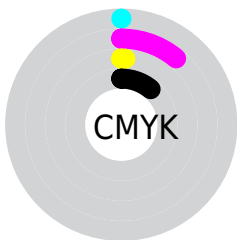
Blue (87%)



Red (89%)

Yellow (79%)

Blue (87%)

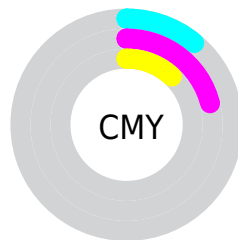


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.084, 328.646 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, 14.084, 328.646 by changing the saturation by 10% instead.

 84, 14.084,
328.646

 84, 14.084,
328.646


 100, 14.084,
328.646


 74, 14.084,
328.646


 64, 14.084,
328.646

 54, 14.084,
328.646

 44, 14.084,
328.646

 34, 14.084,
328.646

 24, 14.084,
328.646

 14, 14.084,

328.646

■ 4, 14.084, 328.646

■ 0, 14.084, 328.646

■ 84, 14.084,
328.646

■ 84, 14.084,
328.646

■ 78, 27.475,
329.259

■ 90, 0.799, 327.685

■ 73, 40.760,
329.873

■ 96, 12.236,
147.538

■ 68, 53.621,
330.485

■ 97, 15.552,
149.557

■ 64, 65.625,
331.090

■ 98, 14.459,
153.195

■ 60, 76.242,

■ 98, 13.430,
157.394

331.685

98, 12.479,
162.245

57, 84.895,
332.268

98, 11.626,
167.836

54, 91.085,
332.847

98, 10.895,
174.230

53, 94.549,
333.436

98, 10.313,
181.430

52, 95.676,
334.015

Harmonies

Complementary

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



84, 14.084, 328.646



88, 14.051, 147.401

Rectangle

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



84, 14.084, 328.646



84, 14.084, 18.646



84, 14.084, 148.646



84, 14.084, 198.646

Sweetspot

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



84, 14.081, 328.647



98, 4.369, 328.143



82, 12.783, 295.656



52, 3.313, 328.207



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, 14.081, 328.647



92, 19.040, 328.799



84, 10.057, 351.387



44, 7.482, 328.575



41, 79.352, 333.907



7, 33.019, 332.860

Inverse Universe

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



84, 14.081, 328.647



92, 19.040, 328.799



88, 9.833, 169.538



44, 7.482, 328.575



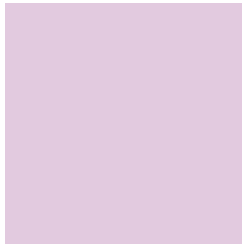
41, 79.352, 333.907



7, 33.019, 332.860

Previews

White Background



This preview shows how the CIELCh color 84, 14.084, 328.646 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 CIE LCh color 84, 14.084, 328.646 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, 14.084, 328.646

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.084, 328.646.



This preview shows how white text looks on a background with the CIELCh color 84, 14.084, 328.646.

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


84, 14.084, 328.646

Protanopia

84, 10.029, 291.042

Deuteranopia

84, 12.371, 326.286



Tritanopia
84, 11.882, 335.132

Trichromacy



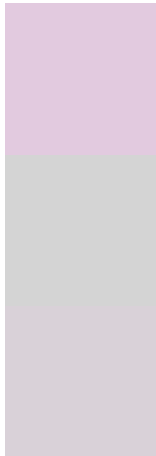
Original Color
84, 14.084, 328.646

Protanomaly
84, 11.073, 307.711

Deuteranomaly
84, 13.225, 327.538

Tritanomaly
84, 12.642, 331.761

Monochromacy



Original Color
84, 14.084, 328.646

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.711, 328.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.084, 328.646 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(226, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 223)  
}
```

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(226, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.084, 328.646 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(226, 202, 223) }
```

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

```
.border{ border-color:rgb(226, 202, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.084, 328.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 223) }
```

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

```
.background{ background-color: rgb(226,  
202, 223) }
```

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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