

Converting Colors

CIELCh(84, 15.562, 326.127)

Have a look what the booklet for
CIELCh(84, 15.562, 326.127)
contains.

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Color

CIELCh(84, 15.549, 326.125)

Conversions

Conversions Part 1

Format	Color
Hex	E3CAE2
RGB	227, 202, 226
RGB Percent	89%, 79%, 89%
CMY	0.1098, 0.2078, 0.1137
CMYK	0.00, 0.11, 0.00, 0.11
HSL	302°, 31%, 84%
HSV	302°, 11%, 89%
XYZ	66.5294, 64.0658, 80.8138
YIQ	212.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

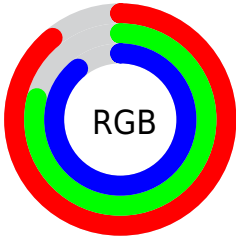
Format	Color
R _Y B	227, 202, 226
Decimal	14928610
CIE Lab	84.00, 12.91, -8.67
CIE LCh	84, 15.549, 326.125
Yxy	64.0658, 0.3147, 0.3030
Android (android.graphics.Color)	4293118690 (0xFFE3CAE2)
YUV	212.2110, 6.7980, 12.9700
Hunter-Lab	80.0411, 8.2955, -3.8336

Details

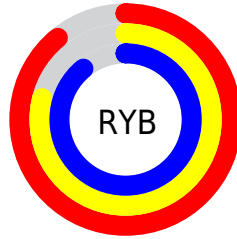
The CIELCh color `84, 15.549, 326.125` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 15.524, 144.879`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 15.723, 326.327` is the 20% darker color. If you saturate the color by 10%, you get `79, 29.764, 326.696`, and if you desaturate by 10%, it is `90, 1.425, 325.379`.

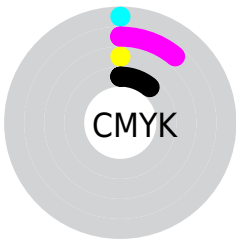
Distribution



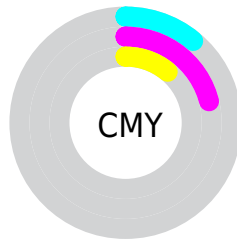
- Red (89%)
- Green (79%)
- Blue (89%)



- Red (89%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 15.549, 326.125 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, 15.549, 326.125 by changing the saturation by 10% instead.


 84, 15.549,
326.125


 84, 15.549,
326.125


 100, 15.549,
326.125


 74, 15.549,
326.125


 64, 15.549,
326.125

 54, 15.549,
326.125

 44, 15.549,
326.125

 34, 15.549,
326.125

 24, 15.549,
326.125

 14, 15.549,

326.125

■ 4, 15.549, 326.125

■ 0, 15.549, 326.125

■ 84, 15.549,
326.125

■ 84, 15.549,
326.125

■ 79, 29.764,
326.696

■ 90, 1.425, 325.379

■ 73, 43.840,
327.254

■ 95, 12.445,
145.062

■ 69, 57.435,
327.790

■ 97, 16.756,
145.483

■ 64, 70.098,
328.291

■ 97, 16.381,
146.428

■ 60, 81.287,

■ 97, 16.010,
147.416

328.743

97, 15.643,
148.448

57, 90.435,
329.135

98, 15.281,
149.529

55, 97.069,
329.460

98, 14.925,
150.659

54, 100.976,
329.720

98, 14.574,
151.844

53, 102.532,
329.912

Harmonies

Complementary

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



84, 15.549, 326.125



88, 15.524, 144.879

Rectangle

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



84, 15.549, 326.125



84, 15.549, 16.125



84, 15.549, 146.125



84, 15.549, 196.125

Sweetspot

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



84, 15.546, 326.125



98, 4.635, 325.628



82, 13.270, 292.582



52, 3.514, 325.687



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, 15.546, 326.125



92, 20.190, 326.245



84, 11.025, 346.406



45, 8.083, 326.035



42, 85.705, 329.885



8, 36.139, 329.621

Inverse Universe

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



84, 15.546, 326.125



92, 20.190, 326.245



88, 10.843, 164.574



45, 8.083, 326.035



42, 85.705, 329.885



8, 36.139, 329.621

Previews

White Background



This preview shows how the CIELCh color 84, 15.549, 326.125 looks on a white background.

Color Contrast Check

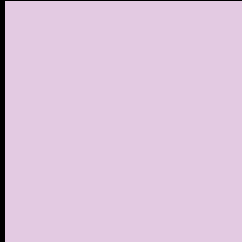
Large Text (above 18pt) WCAG AA × Fail

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, 15.549, 326.125 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, 15.549, 326.125

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.549, 326.125.



This preview shows how white text looks on a background with the CIELCh color 84, 15.549, 326.125.

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, 15.549, 326.125

Protanopia

84, 11.611, 289.466

Deuteranopia

84, 13.494, 321.116



Tritanopia
84, 11.882, 335.132

Trichromacy



Original Color
84, 15.549, 326.125

Protanomaly
84, 12.509, 304.135

Deuteranomaly
84, 14.319, 322.564

Tritanomaly
84, 13.038, 330.230

Monochromacy



Original Color
84, 15.549, 326.125

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 5.778, 324.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.549, 326.125 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, 202, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 202, 226)  
}
```

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, 202, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 202, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.549, 326.125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

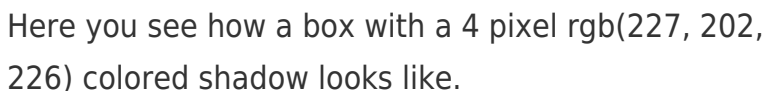
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 202, 226) }
```

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

```
.border{ border-color:rgb(227, 202, 226) }
```

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



Here you see how a box with a 4 pixel rgb(227, 202, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 202, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 202, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 202,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.549, 326.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 202, 226) }
```

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

```
.background{ background-color: rgb(227,  
202, 226) }
```

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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