

Converting Colors

CIELCh(84, 11.139, 331.054)

Have a look what the booklet for
CIELCh(84, 11.139, 331.054)
contains.

CIELCh(84, 11.139, 331.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 11.139, 331.054)

Conversions

Conversions Part 1

Format	Color
Hex	E0CCDC
RGB	224, 204, 220
RGB Percent	88%, 80%, 86%
CMY	0.1223, 0.2007, 0.1380
CMYK	0.00, 0.09, 0.02, 0.12
HSL	312°, 24%, 84%
HSV	312°, 9%, 88%
XYZ	65.1178, 64.0658, 76.5070
YIQ	211.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

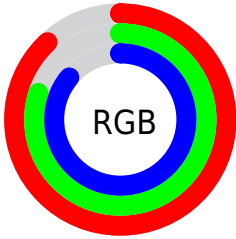
Format	Color
R _Y B	224, 204, 220
Decimal	14732508
CIE Lab	84.00, 9.75, -5.39
CIE LCh	84, 11.139, 331.054
Yxy	64.0658, 0.3166, 0.3115
Android (android.graphics.Color)	4292922588 (0xFFE0CCDC)
YUV	211.8040, 4.0406, 10.6959
Hunter-Lab	80.0411, 5.1476, -0.6434

Details

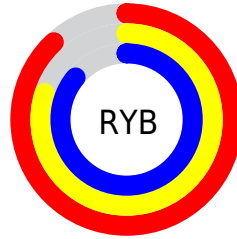
The CIELCh color `84, 11.139, 331.054` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 11.102, 149.979`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 11.085, 331.570` is the 20% darker color. If you saturate the color by 10%, you get `78, 23.725, 331.716`, and if you desaturate by 10%, it is `90, 1.308, 150.723`.

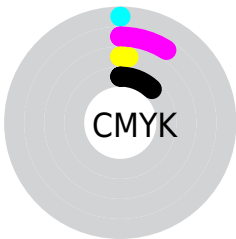
Distribution



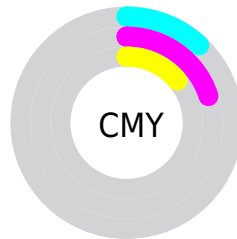
- Red (88%)
- Green (80%)
- Blue (86%)



- Red (88%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 11.139, 331.054 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, 11.139, 331.054 by changing the saturation by 10% instead.


 84, 11.139,
331.054


 84, 11.139,
331.054


 100, 11.139,
331.054


 74, 11.139,
331.054

 64, 11.139,
331.054

 54, 11.139,
331.054

 44, 11.139,
331.054

 34, 11.139,
331.054

 24, 11.139,
331.054

 14, 11.139,

331.054

■ 4, 11.139, 331.054

■ 0, 11.139, 331.054

■ 84, 11.139,
331.054

■ 84, 11.139,
331.054

■ 78, 23.725,
331.716

■ 90, 1.308, 150.723

■ 73, 36.271,
332.389

■ 96, 13.493,
149.899

■ 68, 48.491,
333.082

■ 97, 15.707,
153.517

■ 63, 59.991,
333.798

■ 97, 14.114,
159.872

■ 59, 70.268,

■ 98, 12.722,
167.691

334.542

98, 11.608,
177.179

56, 78.753,
335.326

98, 10.858,
188.292

54, 84.912,
336.174

98, 10.564,
198.801

52, 88.413,
337.119

51, 89.445,
338.192

Harmonies

Complementary

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



84, 11.139, 331.054



87, 11.102, 149.979

Rectangle

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



84, 11.139, 331.054



84, 11.139, 21.054



84, 11.139, 151.054



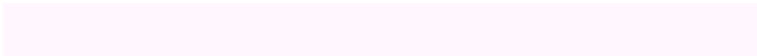
84, 11.139, 201.054

Sweetspot

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



84, 11.137, 331.055



98, 4.143, 330.627



83, 10.704, 298.629



52, 3.141, 330.696



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, 11.137, 331.055



93, 15.266, 331.197



84, 7.998, 356.745



44, 7.097, 331.089



40, 74.956, 338.115



7, 31.378, 336.197

Inverse Universe

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



84, 11.137, 331.055



93, 15.266, 331.197



88, 7.793, 175.202



44, 7.097, 331.089



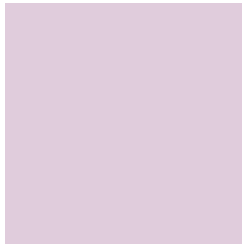
40, 74.956, 338.115



7, 31.378, 336.197

Previews

White Background



This preview shows how the CIELCh color 84, 11.139, 331.054 looks on a white background.

Color Contrast Check

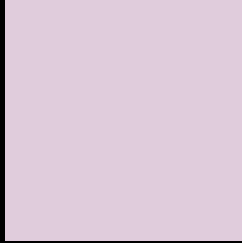
Large Text (above 18pt) WCAG AA × Fail

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, 11.139, 331.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

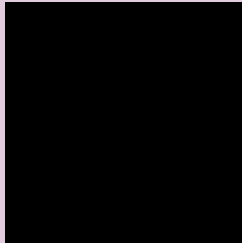
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

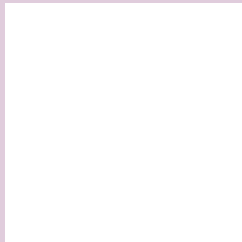
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 11.139, 331.054

Background



This preview shows how black text looks on a background with the CIELCh color 84, 11.139, 331.054.

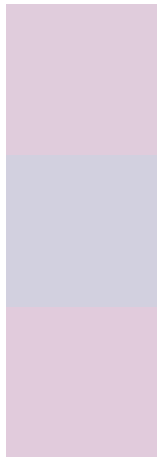


This preview shows how white text looks on a background with the CIELCh color 84, 11.139, 331.054.

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, 11.139, 331.054

Protanopia

84, 7.961, 295.945

Deuteranopia

84, 12.014, 332.096



Tritanopia
84, 11.139, 331.054

Trichromacy



Original Color
84, 11.139, 331.054

Protanomaly
84, 9.077, 311.510

Deuteranomaly
84, 12.014, 332.096

Tritanomaly
84, 11.139, 331.054

Monochromacy



Original Color
84, 11.139, 331.054

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.074, 328.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 11.139, 331.054 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(224, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 220)  
}
```

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(224, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 11.139, 331.054 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(224, 204, 220) }
```

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

```
.border{ border-color:rgb(224, 204, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 11.139, 331.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 220) }
```

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

```
.background{ background-color: rgb(224,  
204, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor