

Converting Colors

CIELCh(87, 14.606, 324.963)

Have a look what the booklet for
CIELCh(87, 14.606, 324.963)
contains.

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Color

CIELCh(87, 14.606, 324.963)

Conversions

Conversions Part 1

Format	Color
Hex	EAD3EA
RGB	234, 211, 234
RGB Percent	92%, 83%, 92%
CMY	0.0824, 0.1726, 0.0824
CMYK	0.00, 0.10, 0.00, 0.08
HSL	300°, 35%, 87%
HSV	300°, 10%, 92%
XYZ	72.0622, 70.0064, 87.5407
YIQ	220.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

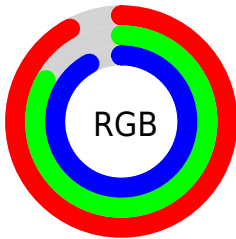
Format	Color
R_{YB}	234, 211, 234
Decimal	15389674
CIE _{Lab}	87.00, 11.96, -8.39
CIE _{LCh}	87, 14.606, 324.963
Yxy	70.0064, 0.3138, 0.3049
Android (android.graphics.Color)	4293579754 (0xFFEAD3EA)
YUV	220.4990, 6.6560, 11.8404
Hunter-Lab	83.6698, 7.3143, -3.4641

Details

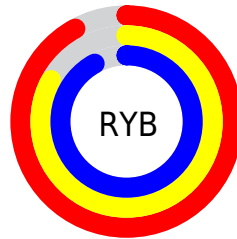
The CIELCh color $87, 14.606, 324.963$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 14.583, 143.878$, and the grayscale version is $88, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 14.722, 325.094$ is the 20% darker color. If you saturate the color by 10%, you get $81, 29.571, 325.523$, and if you desaturate by 10%, it is $93, 0.243, 145.626$.

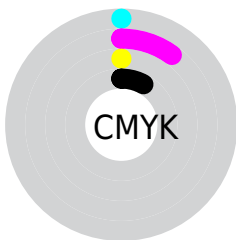
Distribution



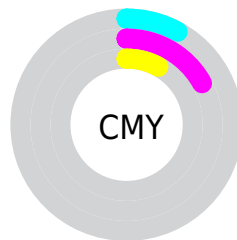
- Red (92%)
- Green (83%)
- Blue (92%)



- Red (92%)
- Yellow (83%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)




- Cyan (8%)
- Magenta (17%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 14.606, 324.963 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 87, 14.606, 324.963 by changing the saturation by 10% instead.


 87, 14.606,
324.963


 87, 14.606,
324.963


 100, 14.606,
324.963


 77, 14.606,
324.963

 67, 14.606,
324.963

 57, 14.606,
324.963

 47, 14.606,
324.963

 37, 14.606,
324.963

 27, 14.606,
324.963

 17, 14.606,

324.963

■ 7, 14.606, 324.963

■ 0, 14.606, 324.963

■ 87, 14.606,
324.963

■ 87, 14.606,
324.963

■ 81, 29.571,
325.523

■ 93, 0.243, 145.626

■ 76, 44.417,
326.064

■ 98, 13.099,
143.980

■ 71, 58.796,
326.577

■ 98, 13.099,
143.980

■ 67, 72.251,
327.045

■ 98, 13.099,
143.981

■ 63, 84.230,

■ 98, 13.099,
143.981

327.451

98, 13.099,
143.981

60, 94.150,
327.779

98, 13.099,
143.981

58, 101.521,
328.018

98, 13.099,
143.981

56, 106.102,
328.164

98, 13.099,
143.982

56, 108.255,
328.232

Harmonies

Complementary

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



87, 14.606, 324.963



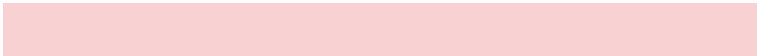
90, 14.583, 143.878

Rectangle

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



87, 14.606, 324.963



87, 14.606, 14.963



87, 14.606, 144.963



87, 14.606, 194.963

Sweetspot

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



87, 14.603, 324.963



98, 4.763, 324.543



85, 12.104, 291.205



52, 3.611, 324.601



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 14.603, 324.963



93, 19.141, 325.090



87, 10.294, 344.434



46, 8.457, 324.942



43, 89.363, 328.233



9, 38.267, 328.233

Inverse Universe

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



87, 14.603, 324.963



93, 19.141, 325.090



91, 10.159, 162.868



46, 8.457, 324.942



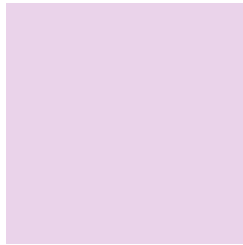
43, 89.363, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 87, 14.606, 324.963 looks on a white background.

Color Contrast Check

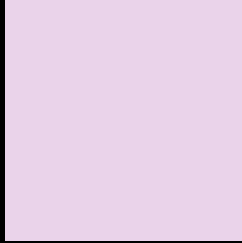
Large Text (above 18pt) WCAG AA × Fail

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 87, 14.606, 324.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

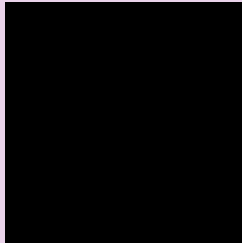
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 14.606, 324.963

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.606, 324.963.



This preview shows how white text looks on a background with the CIELCh color 87, 14.606, 324.963.

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

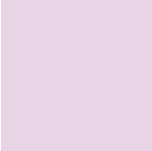
87, 14.606, 324.963

Protanopia

87, 10.474, 289.161

Deuteranopia

87, 13.584, 322.413



Tritanopia
87, 11.689, 330.726

Trichromacy



Original Color
87, 14.606, 324.963

Protanomaly
87, 11.394, 305.263

Deuteranomaly
87, 13.772, 323.692

Tritanomaly
87, 12.498, 327.624

Monochromacy



Original Color
87, 14.606, 324.963

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.100, 324.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.606, 324.963 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(234, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 234)  
}
```

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(234, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.606, 324.963 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(234, 211, 234) }
```

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

```
.border{ border-color:rgb(234, 211, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 211, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.606, 324.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 234) }
```

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

```
.background{ background-color: rgb(234,  
211, 234) }
```

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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