

Converting Colors

CIELCh(87, 13.050, 334.180)

Have a look what the booklet for
CIELCh(87, 13.050, 334.180)
contains.

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Color

CIELCh(87, 13.039, 334.177)

Conversions

Conversions Part 1

Format	Color
Hex	ECD3E5
RGB	236, 211, 229
RGB Percent	93%, 83%, 90%
CMY	0.0749, 0.1729, 0.1024
CMYK	0.00, 0.11, 0.03, 0.07
HSL	317°, 40%, 88%
HSV	317°, 11%, 93%
XYZ	71.9569, 70.0064, 83.7751
YIQ	220.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

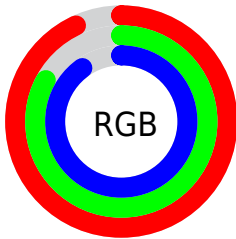
Format	Color
R _Y B	236, 211, 229
Decimal	15520741
CIE Lab	87.00, 11.74, -5.68
CIE LCh	87, 13.039, 334.177
Yxy	70.0064, 0.3188, 0.3101
Android (android.graphics.Color)	4293710821 (0xFFECD3E5)
YUV	220.5270, 4.1772, 13.5698
Hunter-Lab	83.6698, 7.0897, -0.7957

Details

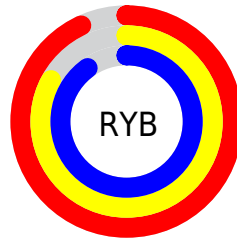
The CIELCh color **87, 13.039, 334.177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 12.973, 152.778**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 13.475, 333.181** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.479, 334.907**, and if you desaturate by 10%, it is **93, 0.734, 333.020**.

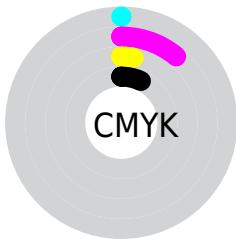
Distribution



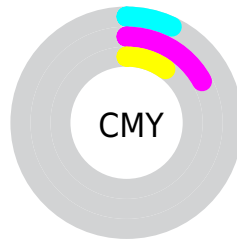
- Red (93%)
- Green (83%)
- Blue (90%)



- Red (93%)
- Yellow (83%)
- Blue (90%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (17%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 13.039, 334.177 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, 13.039, 334.177 by changing the saturation by 10% instead.


 87, 13.039,
334.177


 87, 13.039,
334.177


 100, 13.039,
334.177


 77, 13.039,
334.177

 67, 13.039,
334.177

 57, 13.039,
334.177

 47, 13.039,
334.177

 37, 13.039,
334.177

 27, 13.039,
334.177

 17, 13.039,

334.177

■ 7, 13.039, 334.177

■ 0, 13.039, 334.177

■ 87, 13.039,
334.177

■ 87, 13.039,
334.177

■ 81, 25.479,
334.907

■ 93, 0.734, 333.020

■ 76, 37.863,
335.669

■ 98, 9.431, 154.834

■ 70, 49.890,
336.480

■ 98, 7.396, 173.379

■ 66, 61.139,
337.353

■ 99, 6.548, 199.092

■ 61, 71.074,

338.310

■ 58, 79.094,
339.386

■ 55, 84.653,
340.630

■ 54, 87.453,
342.109

■ 53, 87.912,
343.749

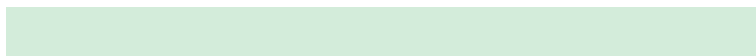
Harmonies

Complementary

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



87, 13.039, 334.177



91, 12.973, 152.778

Rectangle

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



87, 13.039, 334.177



87, 13.039, 24.177



87, 13.039, 154.177



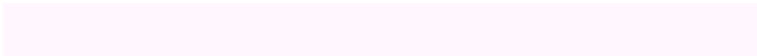
87, 13.039, 204.177

Sweetspot

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



87, 13.036, 334.179



98, 3.911, 333.591



86, 13.384, 301.218



52, 2.966, 333.666



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, 13.036, 334.179



92, 17.067, 334.356



87, 9.643, 1.707



46, 6.953, 334.097



40, 72.331, 343.410



8, 31.858, 340.612

Inverse Universe

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



87, 13.036, 334.179



92, 17.067, 334.356



91, 9.283, 179.833



46, 6.953, 334.097



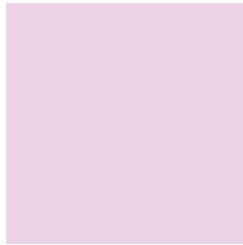
40, 72.331, 343.410



8, 31.858, 340.612

Previews

White Background



This preview shows how the CIELCh color 87, 13.039, 334.177 looks on a white background.

Color Contrast Check

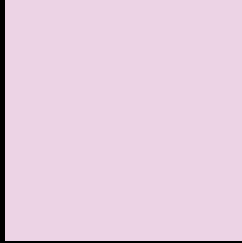
Large Text (above 18pt) WCAG AA × Fail

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, 13.039, 334.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

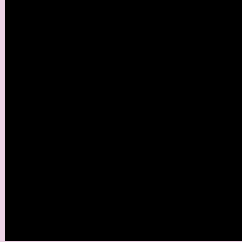
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 13.039, 334.177

Background



This preview shows how black text looks on a background with the CIELCh color 87, 13.039, 334.177.

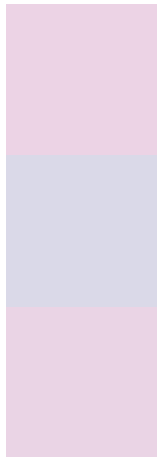


This preview shows how white text looks on a background with the CIELCh color 87, 13.039, 334.177.

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, 13.039, 334.177

Protanopia
87, 7.871, 293.386

Deuteranopia
87, 11.923, 332.072



Tritanopia
87, 12.673, 335.819

Trichromacy



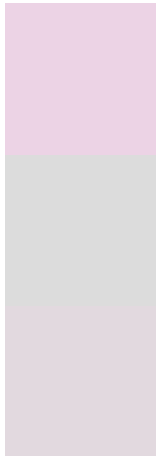
Original Color
87, 13.039, 334.177

Protanomaly
87, 9.140, 313.580

Deuteranomaly
87, 12.163, 333.367

Tritanomaly
87, 12.673, 335.819

Monochromacy



Original Color
87, 13.039, 334.177

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.532, 335.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 13.039, 334.177 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(236, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 229)  
}
```

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(236, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 13.039, 334.177 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(236, 211, 229) }
```

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

```
.border{ border-color:rgb(236, 211, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 13.039, 334.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 229) }
```

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

```
.background{ background-color: rgb(236,  
211, 229) }
```

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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