

Converting Colors

CIELCh(87, 15.262, 328.408)

Have a look what the booklet for
CIELCh(87, 15.262, 328.408)
contains.

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Color

CIELCh(87, 15.239, 328.369)

Conversions

Conversions Part 1

Format	Color
Hex	ECD2E9
RGB	236, 210, 233
RGB Percent	93%, 82%, 91%
CMY	0.0734, 0.1754, 0.0852
CMYK	0.00, 0.11, 0.01, 0.07
HSL	307°, 41%, 88%
HSV	307°, 11%, 93%
XYZ	72.5451, 70.0064, 86.9864
YIQ	220.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

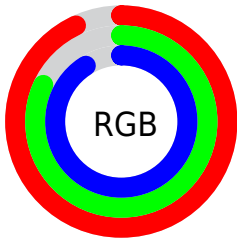
Format	Color
R _Y B	236, 210, 233
Decimal	15520489
CIE Lab	87.00, 12.98, -7.99
CIE LCh	87, 15.239, 328.369
Yxy	70.0064, 0.3160, 0.3050
Android (android.graphics.Color)	4293710569 (0xFFECD2E9)
YUV	220.3960, 6.2138, 13.6847
Hunter-Lab	83.6698, 8.3444, -3.0713

Details

The CIELCh color **87, 15.239, 328.369** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.205, 147.074**, 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, 15.387, 328.675** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.189, 328.978**, and if you desaturate by 10%, it is **93, 1.389, 327.571**.

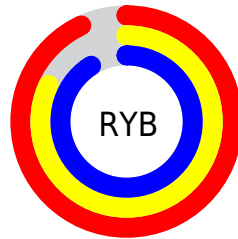
Distribution



Red (93%)

Green (82%)

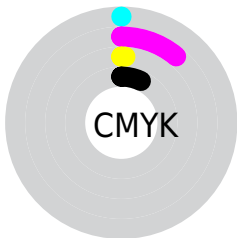
Blue (91%)



Red (93%)

Yellow (82%)

Blue (91%)

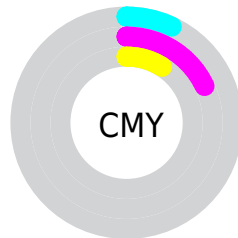


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 15.239, 328.369 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, 15.239, 328.369 by changing the saturation by 10% instead.


 87, 15.239,
328.369


 87, 15.239,
328.369


 100, 15.239,
328.369


 77, 15.239,
328.369

 67, 15.239,
328.369

 57, 15.239,
328.369

 47, 15.239,
328.369

 37, 15.239,
328.369

 27, 15.239,
328.369

 17, 15.239,

328.369

■ 7, 15.239, 328.369

■ 0, 15.239, 328.369

■ 87, 15.239,
328.369

■ 87, 15.239,
328.369

■ 81, 29.189,
328.978

■ 93, 1.389, 327.571

■ 76, 43.016,
329.586

■ 98, 10.645,
147.813

■ 71, 56.377,
330.189

■ 98, 9.580, 152.900

■ 66, 68.818,
330.782

■ 98, 8.605, 159.174

■ 62, 79.781,

■ 98, 7.753, 166.913

■ 99, 7.071, 176.325

331.360

99, 6.610, 187.369

59, 88.669,
331.920

99, 6.421, 199.102

57, 94.972,
332.467

55, 98.445,
333.017

55, 99.509,
333.527

Harmonies

Complementary

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



87, 15.239, 328.369



91, 15.205, 147.074

Rectangle

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



87, 15.239, 328.369



87, 15.239, 18.369



87, 15.239, 148.369



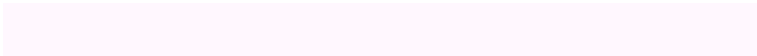
87, 15.239, 198.369

Sweetspot

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



87, 15.236, 328.370



98, 4.399, 327.843



85, 13.735, 295.073



52, 3.335, 327.906



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, 15.236, 328.370



92, 19.168, 328.495



87, 10.921, 350.385



46, 7.813, 328.275



42, 81.643, 333.426



9, 35.424, 332.583

Inverse Universe

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



87, 15.236, 328.370



92, 19.168, 328.495



91, 10.683, 168.465



46, 7.813, 328.275



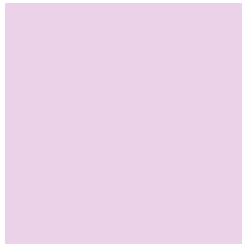
42, 81.643, 333.426



9, 35.424, 332.583

Previews

White Background



This preview shows how the CIELCh color 87, 15.239, 328.369 looks on a white background.

Color Contrast Check

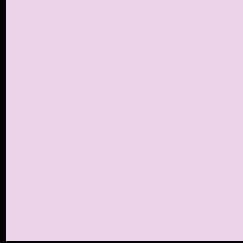
Large Text (above 18pt) WCAG AA × Fail

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, 15.239, 328.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

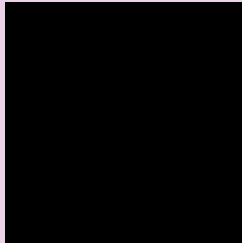
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 15.239, 328.369

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.239, 328.369.



This preview shows how white text looks on a background with the CIELCh color 87, 15.239, 328.369.

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, 15.239, 328.369

Protanopia

87, 10.474, 289.161

Deuteranopia

87, 13.145, 323.610



Tritanopia
87, 12.420, 334.618

Trichromacy



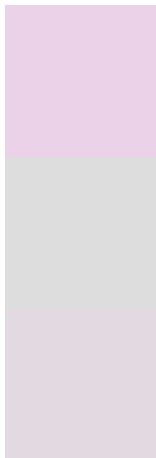
Original Color
87, 15.239, 328.369

Protanomaly
87, 11.394, 305.263

Deuteranomaly
87, 14.181, 326.155

Tritanomaly
87, 13.180, 331.438

Monochromacy



Original Color
87, 15.239, 328.369

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.539, 330.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.239, 328.369 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, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(236, 210, 233)  
}
```

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, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 210, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.239, 328.369 is called "border". The border property can be set on classes, ids or directly on the HTML element.

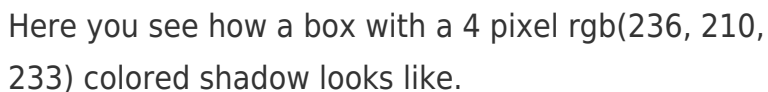
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 210, 233) }
```

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

```
.border{ border-color:rgb(236, 210, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 210, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 210, 233); box-shadow:4px 4px 4px 4px rgb(236, 210, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.239, 328.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 210, 233) }
```

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

```
.background{ background-color: rgb(236,  
210, 233) }
```

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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