

Converting Colors

CIELCh(87, 11.575, 332.671)

Have a look what the booklet for
CIELCh(87, 11.575, 332.671)
contains.

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Color

CIELCh(87, 11.300, 332.446)

Conversions

Conversions Part 1

Format	Color
Hex	E9D4E4
RGB	233, 212, 228
RGB Percent	91%, 83%, 89%
CMY	0.0863, 0.1686, 0.1059
CMYK	0.00, 0.09, 0.02, 0.09
HSL	314°, 32%, 87%
HSV	314°, 9%, 91%
XYZ	71.1458, 70.0064, 83.1561
YIQ	220.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

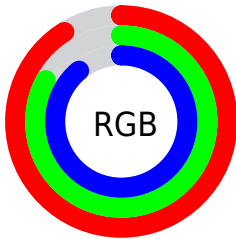
Format	Color
R _Y B	233, 212, 228
Decimal	15324388
CIE Lab	87.00, 10.02, -5.23
CIE LCh	87, 11.300, 332.446
Yxy	70.0064, 0.3172, 0.3121
Android (android.graphics.Color)	4293514468 (0xFFE9D4E4)
YUV	220.1030, 3.8932, 11.3107
Hunter-Lab	83.6698, 5.3593, -0.3571

Details

The CIELCh color **87, 11.300, 332.446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 11.255, 151.325**, 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, 11.657, 331.199** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.966, 333.138**, and if you desaturate by 10%, it is **93, 1.218, 152.132**.

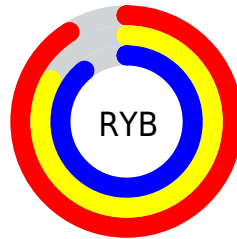
Distribution



Red (91%)

Green (83%)

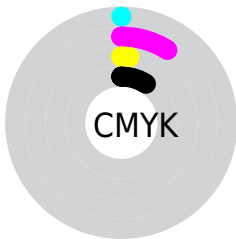
Blue (89%)



Red (91%)

Yellow (83%)

Blue (89%)

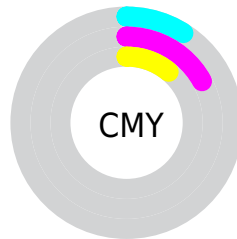


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (17%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 11.300, 332.446 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, 11.300, 332.446 by changing the saturation by 10% instead.


 87, 11.300,
332.446


 87, 11.300,
332.446


 100, 11.300,
332.446

 77, 11.300,
332.446

 67, 11.300,
332.446

 57, 11.300,
332.446

 47, 11.300,
332.446

 37, 11.300,
332.446

 27, 11.300,
332.446

 17, 11.300,

332.446

■ 7, 11.300, 332.446

■ 0, 11.300, 332.446

■ 87, 11.300,
332.446

■ 87, 11.300,
332.446

■ 81, 23.966,
333.138

■ 93, 1.218, 152.132

■ 76, 36.599,
333.849

■ 98, 11.268,
152.812

■ 70, 48.910,
334.592

■ 98, 9.366, 164.563

■ 66, 60.495,
335.375

■ 98, 8.013, 181.126

■ 61, 70.834,

■ 98, 7.523, 199.017

336.210

■ 58, 79.336,
337.117

■ 55, 85.446,
338.131

■ 53, 88.817,
339.299

■ 52, 89.647,
340.662

Harmonies

Complementary

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



87, 11.300, 332.446



90, 11.255, 151.325

Rectangle

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



87, 11.300, 332.446



87, 11.300, 22.446



87, 11.300, 152.446



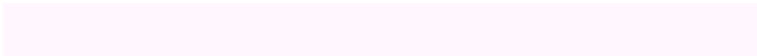
87, 11.300, 202.446

Sweetspot

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



87, 11.297, 332.448



98, 4.031, 331.995



86, 11.196, 299.876



52, 3.057, 332.067



0, 0.000, 0.000



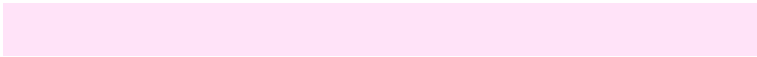
53, 0.007, 296.813

Same Dimension

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



87, 11.297, 332.448



93, 14.858, 332.588



87, 8.206, 359.108



46, 7.164, 332.479



41, 74.448, 340.547



8, 32.695, 338.342

Inverse Universe

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



87, 11.297, 332.448



93, 14.858, 332.588



91, 7.969, 177.549



46, 7.164, 332.479



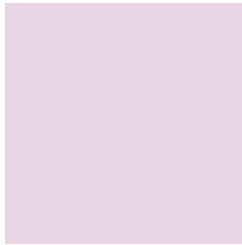
41, 74.448, 340.547



8, 32.695, 338.342

Previews

White Background



This preview shows how the CIELCh color 87, 11.300, 332.446 looks on a white background.

Color Contrast Check

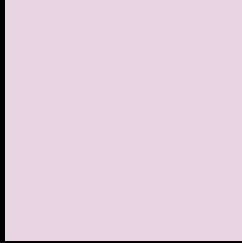
Large Text (above 18pt) WCAG AA × Fail

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 87, 11.300, 332.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

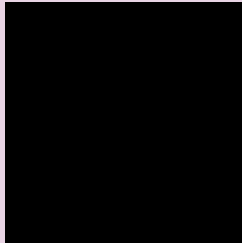
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

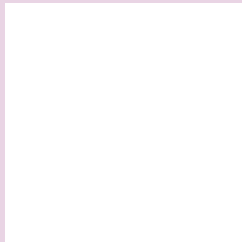
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 11.300, 332.446

Background



This preview shows how black text looks on a background with the CIELCh color 87, 11.300, 332.446.



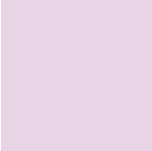
This preview shows how white text looks on a background with the CIELCh color 87, 11.300, 332.446.

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





Tritanopia
87, 11.689, 330.726

Trichromacy



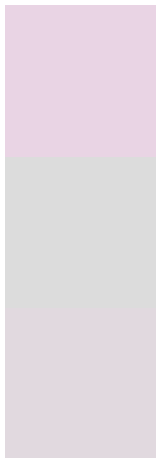
Original Color
87, 11.300, 332.446

Protanomaly
87, 8.392, 310.489

Deuteranomaly
87, 12.174, 333.370

Tritanomaly
87, 11.689, 330.726

Monochromacy



Original Color
87, 11.300, 332.446

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.281, 332.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 11.300, 332.446 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(233, 212, 228)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 228)  
}
```

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(233, 212, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 11.300, 332.446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

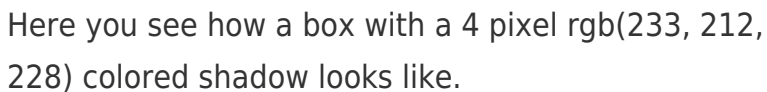
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 212, 228) }
```

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

```
.border{ border-color:rgb(233, 212, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 212, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 212, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 212, 228); box-shadow:4px 4px 4px 4px rgb(233, 212, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 11.300, 332.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 228) }
```

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

```
.background{ background-color: rgb(233,  
212, 228) }
```

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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