

Converting Colors

CIELCh(87, 7.475, 340.918)

Have a look what the booklet for
CIELCh(87, 7.475, 340.918) contains.

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Color

CIELCh(87, 7.475, 340.918)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6DF
RGB	230, 214, 223
RGB Percent	90%, 84%, 87%
CMY	0.0993, 0.1620, 0.1268
CMYK	0.00, 0.07, 0.03, 0.10
HSL	326°, 24%, 87%
HSV	326°, 7%, 90%
XYZ	69.7660, 70.0064, 79.4153
YIQ	219.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

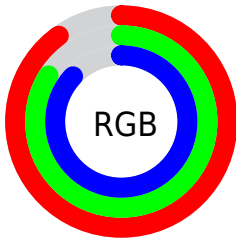
Format	Color
R _Y B	230, 214, 223
Decimal	15128287
CIE Lab	87.00, 7.06, -2.44
CIE LCh	87, 7.475, 340.918
Yxy	70.0064, 0.3183, 0.3194
Android (android.graphics.Color)	4293318367 (0xFFE6D6DF)
YUV	219.8100, 1.5727, 8.9366
Hunter-Lab	83.6698, 2.4157, 2.2937

Details

The CIELCh color $87, 7.475, 340.918$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 7.413, 159.945$, 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 $67, 7.591, 339.229$ is the 20% darker color. If you saturate the color by 10%, you get $81, 18.380, 341.797$, and if you desaturate by 10%, it is $93, 3.206, 160.344$.

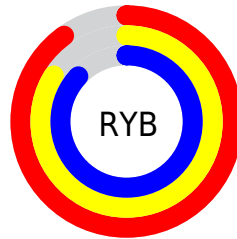
Distribution



Red (90%)

Green (84%)

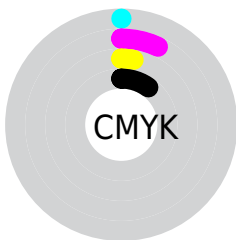
Blue (87%)



Red (90%)

Yellow (84%)

Blue (87%)

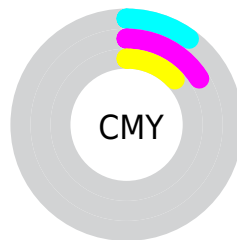


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 7.475, 340.918 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, 7.475, 340.918 by changing the saturation by 10% instead.

 87, 7.475, 340.918

 87, 7.475, 340.918

 100, 7.475,
340.918

 77, 7.475, 340.918

 67, 7.475, 340.918

 57, 7.475, 340.918

 47, 7.475, 340.918

 37, 7.475, 340.918

 27, 7.475, 340.918

 17, 7.475, 340.918

 7, 7.475, 340.918

 0, 7.475, 340.918

87, 7.475, 340.918

87, 7.475, 340.918

81, 18.380,
341.797

93, 3.206, 160.344

75, 29.383,
342.733

98, 10.873,
163.786

70, 40.260,
343.773

98, 8.756, 191.623

98, 8.630, 198.937

65, 50.681,
344.955

60, 60.195,
346.331

57, 68.252,
347.977

54, 74.299,
350.000

51, 77.945,
352.534

■ 50,79.217,
355.715

Harmonies

Complementary

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



87, 7.475, 340.918



90, 7.413, 159.945

Rectangle

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



87, 7.475, 340.918



87, 7.475, 30.918



87, 7.475, 160.918



87, 7.475, 210.918

Sweetspot

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



87, 7.473, 340.923



99, 2.328, 340.393



86, 8.775, 307.027



53, 1.324, 340.375



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, 7.473, 340.923



95, 9.357, 341.018



87, 5.870, 14.309



45, 6.108, 341.140



39, 65.908, 356.114



7, 28.329, 350.367

Inverse Universe

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



87, 7.473, 340.923



95, 9.357, 341.018



90, 5.648, 193.488



45, 6.108, 341.140



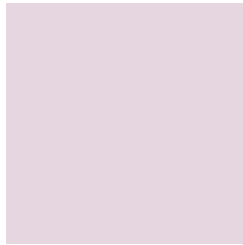
39, 65.908, 356.114



7, 28.329, 350.367

Previews

White Background



This preview shows how the CIELCh color 87, 7.475, 340.918 looks on a white background.

Color Contrast Check

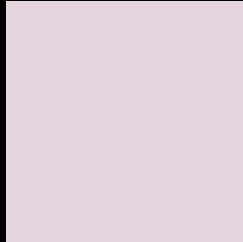
Large Text (above 18pt) WCAG AA × Fail

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, 7.475, 340.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

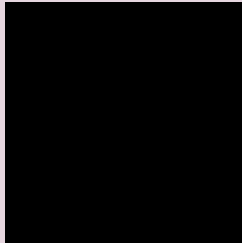
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

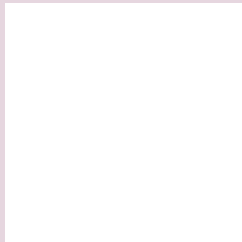
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 7.475, 340.918

Background



This preview shows how black text looks on a background with the CIELCh color 87, 7.475, 340.918.

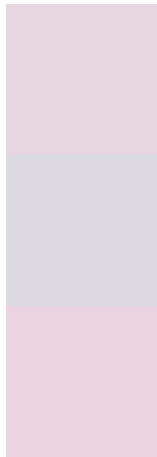


This preview shows how white text looks on a background with the CIELCh color 87, 7.475, 340.918.

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, 7.475, 340.918

Protanopia

87, 3.838, 306.655

Deuteranopia

87, 11.337, 346.698



Tritanopia
87, 10.604, 328.036

Trichromacy



Original Color
87, 7.475, 340.918

Protanomaly
87, 5.105, 324.583

Deuteranomaly
87, 9.842, 344.395

Tritanomaly
87, 9.803, 331.776

Monochromacy



Original Color
87, 7.475, 340.918

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.689, 343.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 7.475, 340.918 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(230, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 223)  
}
```

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(230, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 7.475, 340.918 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(230, 214, 223) }
```

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

```
.border{ border-color:rgb(230, 214, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 7.475, 340.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 223) }
```

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

```
.background{ background-color: rgb(230,  
214, 223) }
```

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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