

Converting Colors

CIELCh(87, 8.608, 307.169)

Have a look what the booklet for
CIELCh(87, 8.608, 307.169) contains.

CIELCh(87, 8.777, 307.173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 8.777, 307.173)

Conversions

Conversions Part 1

Format	Color
Hex	DED7E7
RGB	222, 215, 231
RGB Percent	87%, 84%, 91%
CMY	0.1288, 0.1563, 0.0935
CMYK	0.04, 0.07, 0.00, 0.09
HSL	266°, 25%, 88%
HSV	266°, 7%, 91%
XYZ	68.9520, 70.0064, 85.5900
YIQ	218.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

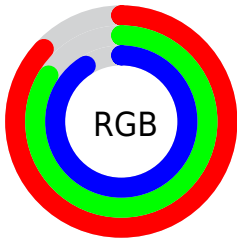
Format	Color
R_{YB}	222, 215, 231
Decimal	14604263
CIE Lab	87.00, 5.30, -6.99
CIE LCh	87, 8.777, 307.173
Yxy	70.0064, 0.3071, 0.3118
Android (android.graphics.Color)	4292794343 (0xFFDED7E7)
YUV	218.9170, 5.9569, 2.7038
Hunter-Lab	83.6698, 0.6791, -2.0818

Details

The CIELCh color $87, 8.777, 307.173$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $91, 8.667, 126.541$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 8.733, 308.274$ is the 20% darker color. If you saturate the color by 10%, you get $80, 21.779, 307.697$, and if you desaturate by 10%, it is $94, 3.825, 126.742$.

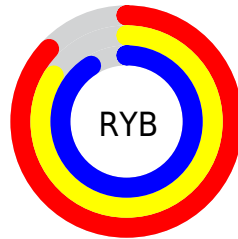
Distribution



Red (87%)

Green (84%)

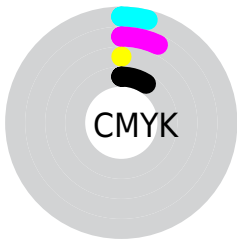
Blue (91%)



Red (87%)

Yellow (84%)

Blue (91%)

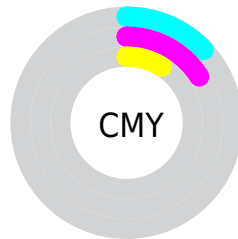


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 8.777, 307.173 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, 8.777, 307.173 by changing the saturation by 10% instead.

■ 87, 8.777, 307.173

■ 87, 8.777, 307.173

■ 100, 8.777,
307.173

■ 77, 8.777, 307.173

■ 67, 8.777, 307.173

■ 57, 8.777, 307.173

■ 47, 8.777, 307.173

■ 37, 8.777, 307.173

■ 27, 8.777, 307.173

■ 17, 8.777, 307.173

■ 7, 8.777, 307.173

■ 0, 8.777, 307.173

87, 8.777, 307.173

87, 8.777, 307.173

80, 21.779,
307.697

94, 3.825, 126.742

73, 35.160,
308.272

99, 12.352,
120.761

67, 48.845,
308.885

99, 12.071,
109.265

60, 62.682,
309.517

54, 76.384,
310.128

48, 89.453,
310.651

43, 101.112,
310.985

39, 110.335,
311.000

■ 36,116.200,
310.575

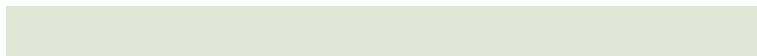
Harmonies

Complementary

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



87, 8.777, 307.173



91, 8.667, 126.541

Rectangle

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



87, 8.777, 307.173



87, 8.777, 357.173



87, 8.777, 127.173



87, 8.777, 177.173

Sweetspot

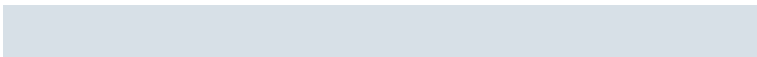
The Sweet Spot groups the original color and five complimentary colors.



87, 8.775, 307.169



99, 2.732, 306.902



89, 4.764, 248.781



53, 1.553, 306.895



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, 8.775, 307.169



94, 11.001, 307.226



88, 9.957, 322.966



45, 7.186, 307.299



26, 96.734, 310.596



4, 35.242, 308.821

Inverse Universe

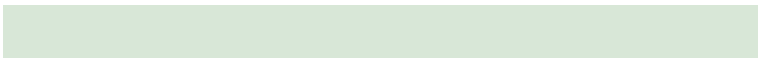
The Inverse Universe completely reimagines the original color for something new.



88, 7.468, 340.909



95, 9.358, 341.008



90, 9.929, 142.303



45, 6.108, 341.130



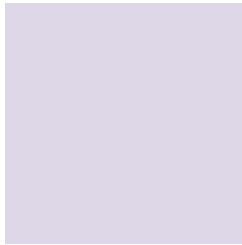
39, 65.913, 356.095



7, 28.332, 350.352

Previews

White Background



This preview shows how the CIELCh color 87, 8.777, 307.173 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, 8.777, 307.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

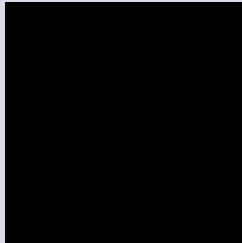
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

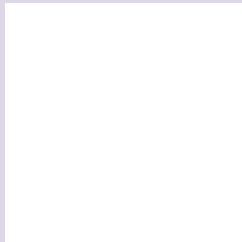
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 8.777, 307.173

Background



This preview shows how black text looks on a background with the CIELCh color 87, 8.777, 307.173.

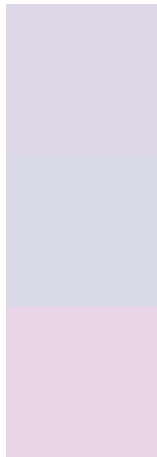


This preview shows how white text looks on a background with the CIELCh color 87, 8.777, 307.173.

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

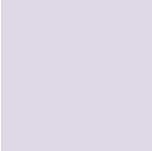
87, 8.777, 307.173

Protanopia

87, 7.871, 293.386

Deuteranopia

87, 12.915, 326.224



Tritanopia
87, 9.280, 306.279

Trichromacy



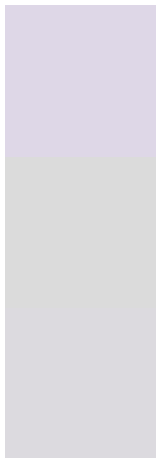
Original Color
87, 8.777, 307.173

Protanomaly
87, 8.523, 300.348

Deuteranomaly
87, 11.510, 320.409

Tritanomaly
87, 9.280, 306.279

Monochromacy



Original Color
87, 8.777, 307.173

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.728, 305.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 8.777, 307.173 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(222, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 215, 231)  
}
```

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(222, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 8.777, 307.173 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(222, 215, 231) }
```

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

```
.border{ border-color:rgb(222, 215, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 215,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 8.777, 307.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 231) }
```

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

```
.background{ background-color: rgb(222,  
215, 231) }
```

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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