

Converting Colors

CIELCh(87, 7.287, 291.076)

Have a look what the booklet for
CIELCh(87, 7.287, 291.076) contains.

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Color

CIELCh(87, 7.335, 290.797)

Conversions

Conversions Part 1

Format	Color
Hex	D9D9E7
RGB	217, 217, 231
RGB Percent	85%, 85%, 91%
CMY	0.1498, 0.1498, 0.0949
CMYK	0.06, 0.06, 0.00, 0.09
HSL	240°, 22%, 88%
HSV	240°, 6%, 91%
XYZ	67.7168, 70.0064, 85.4002
YIQ	218.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

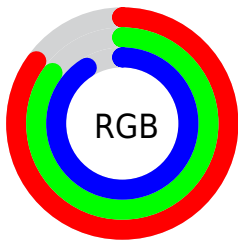
Format	Color
R _Y B	217, 217, 231
Decimal	14277095
CIE Lab	87.00, 2.60, -6.86
CIE LCh	87, 7.335, 290.797
Yxy	70.0064, 0.3035, 0.3138
Android (android.graphics.Color)	4292467175 (0xFFD9D9E7)
YUV	218.5960, 6.1152, -1.3997
Hunter-Lab	83.6698, -1.9561, -1.9473

Details

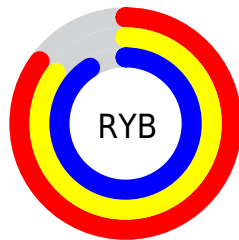
The CIELCh color $87, 7.335, 290.797$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $91, 7.219, 109.576$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 7.190, 290.927$ is the 20% darker color. If you saturate the color by 10%, you get $79, 19.807, 291.932$, and if you desaturate by 10%, it is $95, 4.647, 109.789$.

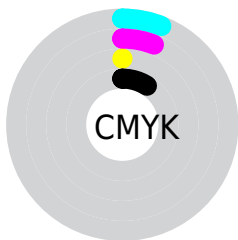
Distribution



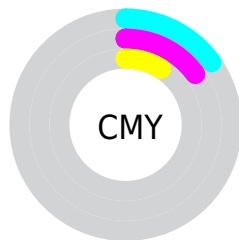
- Red (85%)
- Green (85%)
- Blue (91%)



- Red (85%)
- Yellow (85%)
- Blue (91%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 7.335, 290.797 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, 7.335, 290.797 by changing the saturation by 10% instead.

■ 87, 7.335, 290.797

■ 87, 7.335, 290.797

■ 100, 7.335,
290.797

■ 77, 7.335, 290.797

■ 67, 7.335, 290.797

■ 57, 7.335, 290.797

■ 47, 7.335, 290.797

■ 37, 7.335, 290.797

■ 27, 7.335, 290.797

■ 17, 7.335, 290.797

■ 7, 7.335, 290.797

■ 0, 7.335, 290.797

87, 7.335, 290.797

87, 7.335, 290.797

79, 19.807,
291.932

95, 4.647, 109.789

72, 32.816,
293.289

99, 12.245,
109.252

64, 46.394,
294.883

57, 60.546,
296.730

49, 75.175,
298.811

43, 89.926,
301.034

37, 103.898,
303.193

32, 115.380,
304.964

■ 29,122.310,
306.018

Harmonies

Complementary

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



87, 7.335, 290.797



91, 7.219, 109.576

Rectangle

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



87, 7.335, 290.797



87, 7.335, 340.797



87, 7.335, 110.797



87, 7.335, 160.797

Sweetspot

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



87, 7.333, 290.788



98, 2.608, 290.393



91, 4.913, 197.780



52, 1.483, 290.385



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, 7.333, 290.788



94, 9.193, 290.890



88, 7.740, 308.740



45, 5.483, 290.946



21, 102.380, 306.284



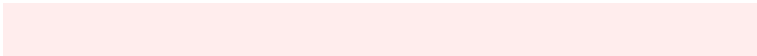
2, 33.672, 296.771

Inverse Universe

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



88, 5.098, 19.640



95, 6.404, 19.721



91, 7.658, 128.231



45, 3.825, 19.764



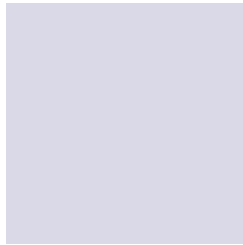
37, 79.973, 39.962



6, 27.104, 21.748

Previews

White Background



This preview shows how the CIELCh color 87, 7.335, 290.797 looks on a white background.

Color Contrast Check

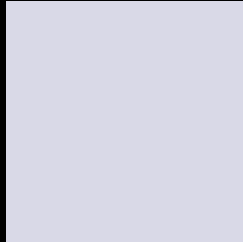
Large Text (above 18pt) WCAG AA × Fail

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, 7.335, 290.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

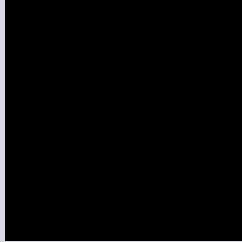
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

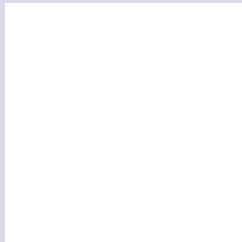
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 7.335, 290.797

Background



This preview shows how black text looks on a background with the CIELCh color 87, 7.335, 290.797.



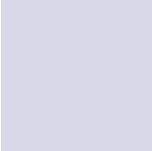
This preview shows how white text looks on a background with the CIELCh color 87, 7.335, 290.797.

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, 8.924, 293.166

Trichromacy



Original Color
87, 7.335, 290.797

Protanomaly
87, 7.906, 295.926

Deuteranomaly
87, 11.176, 317.217

Tritanomaly
87, 8.401, 293.267

Monochromacy



Original Color
87, 7.335, 290.797

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.624, 290.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 7.335, 290.797 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(217, 217, 231)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 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(217, 217, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 7.335, 290.797 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(217, 217, 231) }
```

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

```
.border{ border-color:rgb(217, 217, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 217, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 231);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 7.335, 290.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 231) }
```

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

```
.background{ background-color: rgb(217,  
217, 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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