

Converting Colors

CIELCh(87, 6.948, 275.928)

Have a look what the booklet for
CIELCh(87, 6.948, 275.928) contains.

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Color

CIELCh(87, 6.997, 276.324)

Conversions

Conversions Part 1

Format	Color
Hex	D5DAE7
RGB	213, 218, 231
RGB Percent	84%, 85%, 91%
CMY	0.1650, 0.1454, 0.0944
CMYK	0.08, 0.06, 0.00, 0.09
HSL	223°, 27%, 87%
HSV	223°, 8%, 91%
XYZ	66.8861, 70.0064, 85.5354
YIQ	217.9870, -7.1530, 2.9830

Conversions

Conversions Part 2

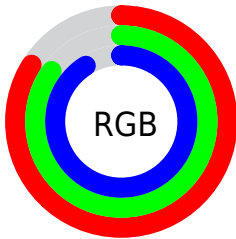
Format	Color
R _Y B	213, 217, 231
Decimal	14015207
CIE Lab	87.00, 0.77, -6.95
CIE LCh	87, 6.997, 276.324
Yxy	70.0064, 0.3007, 0.3147
Android (android.graphics.Color)	4292205287 (0xFFD5DAE7)
YUV	217.9870, 6.4154, -4.3736
Hunter-Lab	83.6698, -3.7283, -2.0431

Details

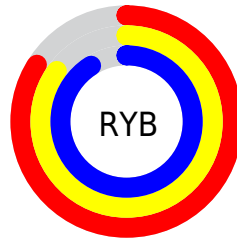
The CIELCh color $87, 6.997, 276.324$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 6.959, 94.333$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 6.845, 275.387$ is the 20% darker color. If you saturate the color by 10%, you get $81, 16.136, 277.731$, and if you desaturate by 10%, it is $93, 1.945, 94.926$.

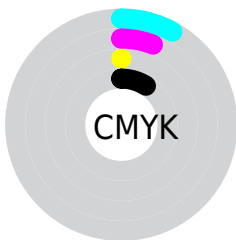
Distribution



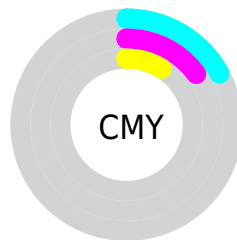
- Red (84%)
- Green (85%)
- Blue (91%)



- Red (84%)
- Yellow (85%)
- Blue (91%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 6.997, 276.324 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, 6.997, 276.324 by changing the saturation by 10% instead.

■ 87, 6.997, 276.324

■ 87, 6.997, 276.324

■ 100, 6.997,
276.324

■ 77, 6.997, 276.324

■ 67, 6.997, 276.324

■ 57, 6.997, 276.324

■ 47, 6.997, 276.324

■ 37, 6.997, 276.324

■ 27, 6.997, 276.324

■ 17, 6.997, 276.324

■ 7, 6.997, 276.324

■ 0, 6.997, 276.324

87, 6.997, 276.324

87, 6.997, 276.324

81, 16.136,
277.731

93, 1.945, 94.926

75, 25.487,
279.407

99, 10.405,
101.951

69, 35.069,
281.371

99, 12.182,
109.257

63, 44.908,
283.661

58, 55.040,
286.303

52, 65.491,
289.290

47, 76.239,
292.554

42, 87.123,
295.945

■ 38, 97.727,
299.213

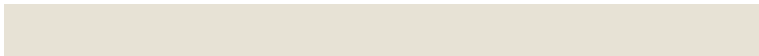
Harmonies

Complementary

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



87, 6.997, 276.324



90, 6.959, 94.333

Rectangle

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



87, 6.997, 276.324



87, 6.997, 326.324



87, 6.997, 96.324



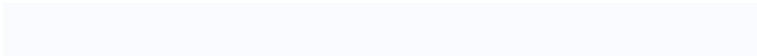
87, 6.997, 146.324

Sweetspot

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



87, 6.995, 276.311



99, 1.941, 275.668



90, 6.914, 176.485



53, 1.104, 275.662



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, 6.995, 276.311



94, 8.764, 276.475



86, 9.577, 299.167



45, 5.080, 276.529



28, 81.090, 299.318



5, 27.086, 290.054

Inverse Universe

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



87, 7.065, 358.168



94, 8.865, 358.305



91, 9.411, 118.125



45, 5.140, 358.349



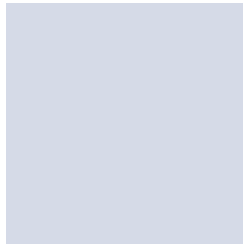
37, 67.783, 22.916



7, 26.644, 9.696

Previews

White Background



This preview shows how the CIELCh color 87, 6.997, 276.324 looks on a white background.

Color Contrast Check

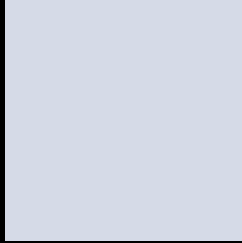
Large Text (above 18pt) WCAG AA × Fail

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, 6.997, 276.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

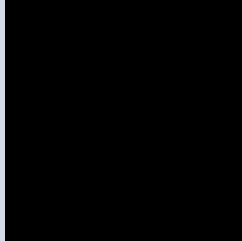
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

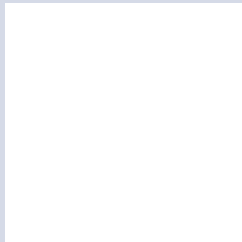
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 6.997, 276.324

Background



This preview shows how black text looks on a background with the CIELCh color 87, 6.997, 276.324.

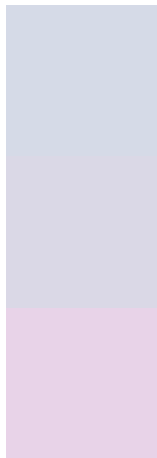


This preview shows how white text looks on a background with the CIELCh color 87, 6.997, 276.324.

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, 6.997, 276.324

Protanopia

87, 7.384, 296.255

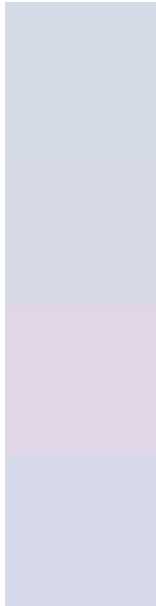
Deuteranopia

87, 13.351, 324.918



Tritanopia
87, 9.467, 284.669

Trichromacy



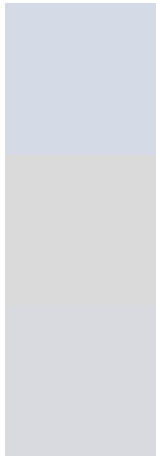
Original Color
87, 6.997, 276.324

Protanomaly
87, 6.815, 287.807

Deuteranomaly
87, 10.250, 313.160

Tritanomaly
87, 8.948, 284.246

Monochromacy



Original Color
87, 6.997, 276.324

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 2.708, 275.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 6.997, 276.324 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(213, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(213, 218, 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(213, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 218, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 6.997, 276.324 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(213, 218, 231) }
```

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

```
.border{ border-color:rgb(213, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(213, 218,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 6.997, 276.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 218, 231) }
```

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

```
.background{ background-color: rgb(213,  
218, 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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