

Converting Colors

CIELCh(87, 14.219, 281.169)

Have a look what the booklet for
CIELCh(87, 14.219, 281.169)
contains.

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Color

CIELCh(87, 14.288, 281.808)

Conversions

Conversions Part 1

Format	Color
Hex	D2D9F4
RGB	210, 217, 244
RGB Percent	82%, 85%, 96%
CMY	0.1757, 0.1482, 0.0423
CMYK	0.14, 0.11, 0.00, 0.04
HSL	228°, 61%, 89%
HSV	228°, 14%, 96%
XYZ	67.8623, 70.0064, 95.6897
YIQ	217.9850, -12.8390, 6.9130

Conversions

Conversions Part 2

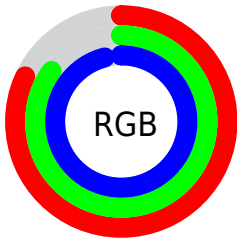
Format	Color
R _Y B	210, 216, 244
Decimal	13818356
CIE Lab	87.00, 2.92, -13.99
CIE LCh	87, 14.288, 281.808
Yxy	70.0064, 0.2906, 0.2997
Android (android.graphics.Color)	4292008436 (0xFFD2D9F4)
YUV	217.9850, 12.8254, -7.0028
Hunter-Lab	83.6698, -1.6458, -9.2386

Details

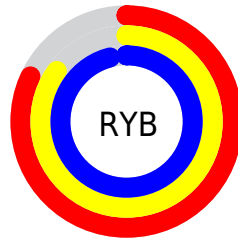
The CIELCh color `87, 14.288, 281.808` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 14.074, 98.423`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 14.527, 281.913` is the 20% darker color. If you saturate the color by 10%, you get `80, 24.904, 283.309`, and if you desaturate by 10%, it is `94, 3.977, 280.545`.

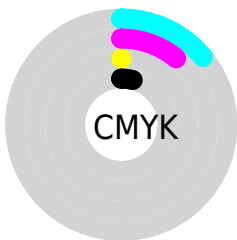
Distribution



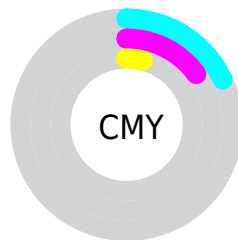
- Red (82%)
- Green (85%)
- Blue (96%)



- Red (82%)
- Yellow (85%)
- Blue (96%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 14.288, 281.808 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, 14.288, 281.808 by changing the saturation by 10% instead.

■ 87, 14.288,
281.808

■ 87, 14.288,
281.808

■ 100, 14.288,
281.808

■ 77, 14.288,
281.808

■ 67, 14.288,
281.808

■ 57, 14.288,
281.808

■ 47, 14.288,
281.808

■ 37, 14.288,
281.808

■ 27, 14.288,
281.808

■ 17, 14.288,

281.808

■ 7, 14.288, 281.808

■ 0, 14.288, 281.808

■ 87, 14.288,
281.808

■ 87, 14.288,
281.808

■ 80, 24.904,
283.309

■ 94, 3.977, 280.545

■ 74, 35.858,
285.076

■ 100, 5.460,
109.756

■ 67, 47.181,
287.141

■ 60, 58.908,
289.528

■ 54, 71.046,

292.233

■ 48, 83.514,
295.190

■ 43, 96.007,
298.248

■ 38, 107.823,
301.158

■ 36, 114.227,
302.694

Harmonies

Complementary

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



87, 14.288, 281.808



94, 14.074, 98.423

Rectangle

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



87, 14.288, 281.808



87, 14.288, 331.808



87, 14.288, 101.808



87, 14.288, 151.808

Sweetspot

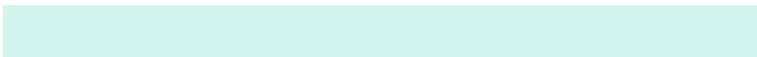
The Sweet Spot groups the original color and five complimentary colors.



87, 14.286, 281.803



97, 4.199, 280.554



94, 12.387, 180.758



51, 2.986, 280.637



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, 14.286, 281.803



88, 18.144, 282.246



86, 18.235, 302.058



48, 5.807, 281.211



27, 91.832, 302.257



5, 34.150, 295.772

Inverse Universe

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



87, 13.013, 4.121



89, 16.584, 4.479



95, 17.741, 120.350



48, 5.261, 3.631



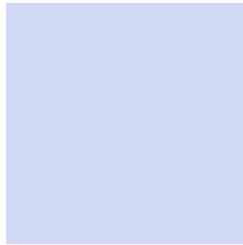
39, 73.096, 29.035



9, 29.975, 16.438

Previews

White Background



This preview shows how the CIELCh color 87, 14.288, 281.808 looks on a white background.

Color Contrast Check

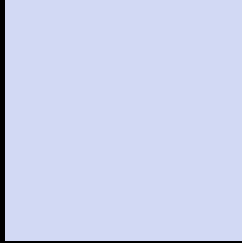
Large Text (above 18pt) WCAG AA × Fail

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, 14.288, 281.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

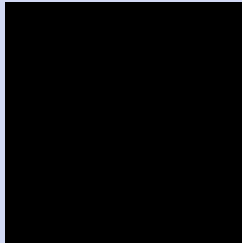
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 14.288, 281.808

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.288, 281.808.

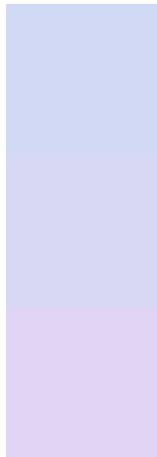


This preview shows how white text looks on a background with the CIELCh color 87, 14.288, 281.808.

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

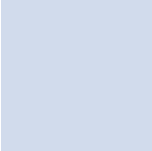
87, 14.288, 281.808

Protanopia

87, 14.674, 288.741

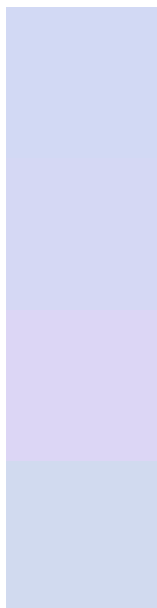
Deuteranopia

87, 18.039, 307.052



Tritanopia
87, 9.468, 269.632

Trichromacy



Original Color
87, 14.288, 281.808

Protanomaly
87, 14.688, 287.421

Deuteranomaly
87, 16.421, 298.688

Tritanomaly
87, 11.352, 275.380

Monochromacy



Original Color
87, 14.288, 281.808

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.326, 279.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.288, 281.808 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(210, 217, 244)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 244)  
}
```

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(210, 217, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.288, 281.808 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(210, 217, 244) }
```

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

```
.border{ border-color:rgb(210, 217, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 244);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.288, 281.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 244) }
```

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

```
.background{ background-color: rgb(210,  
217, 244) }
```

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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