

Converting Colors

CIELCh(87, 25.916, 132.783)

Have a look what the booklet for
CIELCh(87, 25.916, 132.783)
contains.

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Color

CIELCh(87, 26.278, 132.594)

Conversions

Conversions Part 1

Format	Color
Hex	C6E3B5
RGB	198, 227, 181
RGB Percent	78%, 89%, 71%
CMY	0.2250, 0.1113, 0.2916
CMYK	0.13, 0.00, 0.20, 0.11
HSL	98°, 45%, 80%
HSV	98°, 20%, 89%
XYZ	58.8585, 70.0064, 53.9298
YIQ	213.0850, -2.5180, -20.4540

Conversions

Conversions Part 2

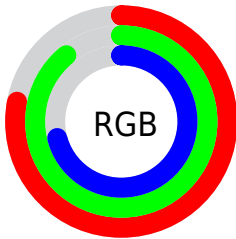
Format	Color
RYB	181, 227, 210
Decimal	13034421
CIELab	87.00, -17.78, 19.35
CIElCh	87, 26.278, 132.594
Yxy	70.0064, 0.3220, 0.3830
Android (android.graphics.Color)	4291224501 (0xFFC6E3B5)
YUV	213.0850, -15.8179, -13.2295
Hunter-Lab	83.6698, -20.8542, 20.3532

Details

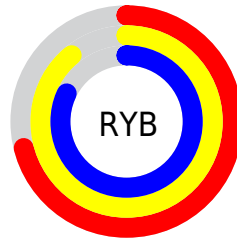
The CIELCh color **87, 26.278, 132.594** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 26.800, 314.358**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **67, 26.515, 132.546** is the 20% darker color. If you saturate the color by 10%, you get **86, 39.191, 132.094**, and if you desaturate by 10%, it is **88, 13.300, 133.069**.

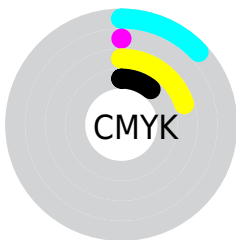
Distribution



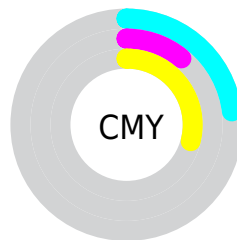
- Red (78%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 26.278, 132.594 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, 26.278, 132.594 by changing the saturation by 10% instead.

■ 87, 26.278,
132.594

■ 87, 26.278,
132.594

■ 100, 26.278,
132.594

■ 77, 26.278,
132.594

■ 67, 26.278,
132.594

■ 57, 26.278,
132.594

■ 47, 26.278,
132.594

■ 37, 26.278,
132.594


■ 27, 26.278,
132.594


■ 17, 26.278,


132.594

 7, 26.278, 132.594


 0, 26.278, 132.594

 87, 26.278,
132.594


 87, 26.278,
132.594

 86, 39.191,
132.094


 88, 13.300,
133.069


 84, 51.869,
131.580

 90, 0.367, 133.960


 83, 64.084,
131.089

 92, 12.438,
313.848

 82, 75.510,
130.683

 93, 17.700,
324.832

 82, 85.701,

 93, 17.742,
325.040

130.455

■ 81, 94.107,
130.531

■ 80, 100.213,
131.036

■ 80, 103.975,
131.900

Harmonies

Complementary

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



87, 26.278, 132.594



77, 26.800, 314.358

Rectangle

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



87, 26.278, 132.594



87, 26.278, 182.594



87, 26.278, 312.594



87, 26.278, 2.594

Sweetspot

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



87, 26.280, 132.596



99, 8.514, 133.265



85, 16.369, 84.283



53, 5.650, 133.234



0, 0.000, 0.000



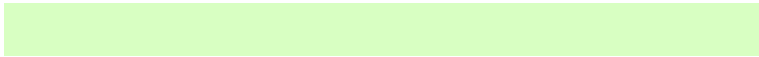
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 26.280, 132.596



96, 34.202, 132.404



86, 27.182, 146.420



46, 7.276, 133.108



63, 85.815, 131.658



17, 32.070, 132.032

Inverse Universe

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



77, 26.800, 314.358



83, 35.009, 314.534



79, 27.235, 328.971



44, 7.350, 313.873



31, 91.866, 315.303



5, 34.393, 315.225

Previews

White Background



This preview shows how the CIELCh color 87, 26.278, 132.594 looks on a white background.

Color Contrast Check

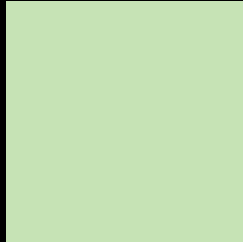
Large Text (above 18pt) WCAG AA × Fail

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, 26.278, 132.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

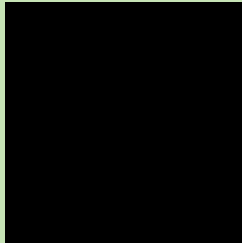
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

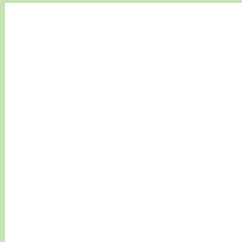
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 26.278, 132.594

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.278, 132.594.



This preview shows how white text looks on a background with the CIELCh color 87, 26.278, 132.594.

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](#).

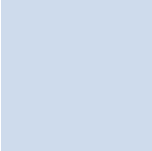
Dichromacy



Original Color
87, 26.278, 132.594

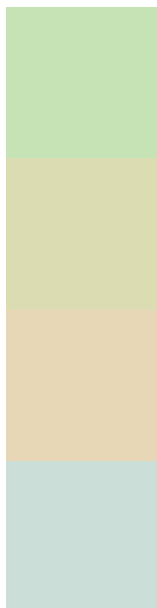
Protanopia
87, 22.020, 94.021

Deuteranopia
87, 20.778, 58.808



Tritanopia
87, 9.860, 264.069

Trichromacy



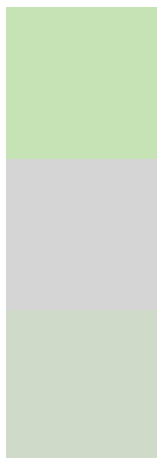
Original Color
87, 26.278, 132.594

Protanomaly
87, 21.809, 109.339

Deuteranomaly
87, 17.801, 88.469

Tritanomaly
87, 7.489, 174.156

Monochromacy



Original Color
87, 26.278, 132.594

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 9.797, 133.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.278, 132.594 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(198, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 227, 181)  
}
```

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(198, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 227, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.278, 132.594 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(198, 227, 181) }
```

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

```
.border{ border-color:rgb(198, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 227, 181); box-shadow:4px 4px 4px 4px rgb(198, 227, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.278, 132.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 227, 181) }
```

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

```
.background{ background-color: rgb(198,  
227, 181) }
```

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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