

Converting Colors

CIELCh(87, 21.761, 132.792)

Have a look what the booklet for
CIELCh(87, 21.761, 132.792)
contains.

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Color

CIELCh(87, 21.742, 132.795)

Conversions

Conversions Part 1

Format	Color
Hex	C9E1BB
RGB	201, 225, 187
RGB Percent	79%, 88%, 73%
CMY	0.2110, 0.1168, 0.2659
CMYK	0.11, 0.00, 0.17, 0.12
HSL	98°, 39%, 81%
HSV	98°, 17%, 88%
XYZ	60.1161, 70.0064, 57.4716
YIQ	213.4920, -2.1060, -16.9060

Conversions

Conversions Part 2

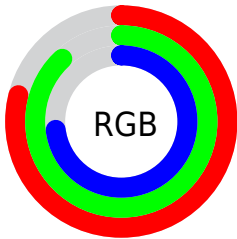
Format	Color
RYB	187, 225, 211
Decimal	13230523
CIELab	87.00, -14.77, 15.95
CIELCh	87, 21.742, 132.795
Yxy	70.0064, 0.3205, 0.3732
Android (android.graphics.Color)	4291420603 (0xFFC9E1BB)
YUV	213.4920, -13.0606, -10.9555
Hunter-Lab	83.6698, -18.1714, 17.8434

Details

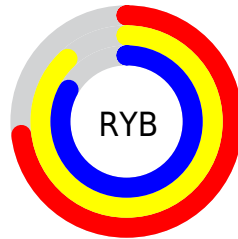
The CIELCh color **87, 21.742, 132.795** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 22.102, 314.240**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **67, 21.758, 132.845** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.633, 132.304**, and if you desaturate by 10%, it is **89, 8.831, 133.262**.

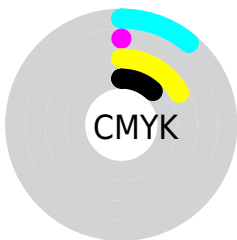
Distribution



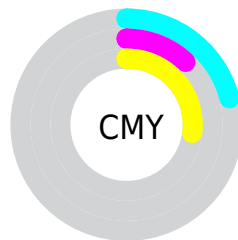
- Red (79%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)




- Cyan (21%)
- Magenta (12%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 21.742, 132.795 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, 21.742, 132.795 by changing the saturation by 10% instead.


 87, 21.742,
132.795


 87, 21.742,
132.795


 100, 21.742,
132.795


 77, 21.742,
132.795

 67, 21.742,
132.795

 57, 21.742,
132.795

 47, 21.742,
132.795

 37, 21.742,
132.795


 27, 21.742,
132.795

 17, 21.742,


132.795

 7, 21.742, 132.795


 0, 21.742, 132.795

 87, 21.742,
132.795

 87, 21.742,
132.795


 86, 34.633,
132.304


 89, 8.831, 133.262


 84, 47.353,
131.791

 90, 4.005, 313.609

 83, 59.699,
131.286

 92, 16.691,
314.008

 82, 71.384,
130.841

 93, 18.628,
325.071

 81, 82.007,

130.538

■ 81, 91.049,
130.493

■ 80, 97.959,
130.836

■ 80, 102.421,
131.643

■ 80, 103.512,
131.920

Harmonies

Complementary

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



87, 21.742, 132.795



79, 22.102, 314.240

Rectangle

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



87, 21.742, 132.795



87, 21.742, 182.795



87, 21.742, 312.795



87, 21.742, 2.795

Sweetspot

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



87, 21.744, 132.797



99, 7.092, 133.348



85, 13.479, 84.733



53, 4.841, 133.315



0, 0.000, 0.000



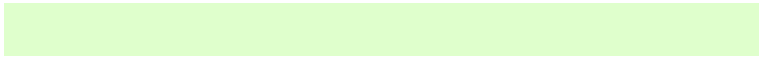
53, 0.007, 296.813

Same Dimension

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



87, 21.744, 132.797



97, 28.510, 132.639



86, 22.472, 146.686



46, 7.278, 133.144



63, 85.840, 131.683



17, 32.080, 132.062

Inverse Universe

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



79, 22.102, 314.240



86, 29.067, 314.387



80, 22.516, 328.764



44, 7.352, 313.908



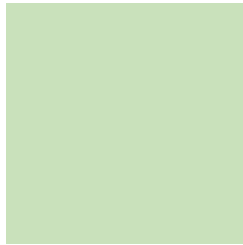
31, 91.846, 315.334



5, 34.401, 315.266

Previews

White Background



This preview shows how the CIELCh color 87, 21.742, 132.795 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, 21.742, 132.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

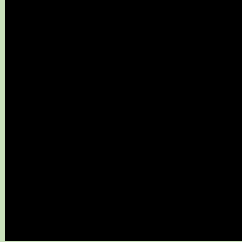
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

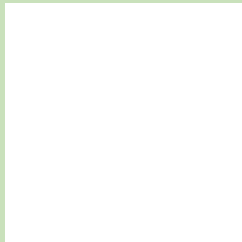
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 21.742, 132.795

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.742, 132.795.

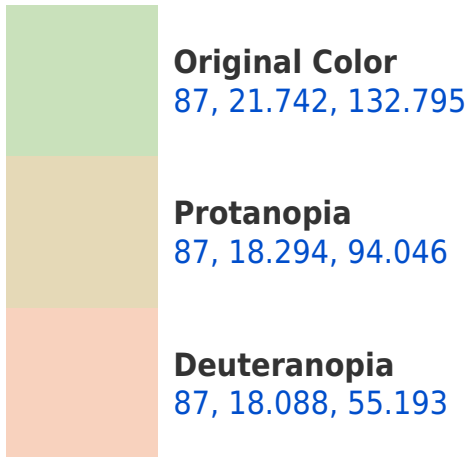


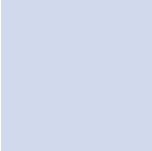
This preview shows how white text looks on a background with the CIELCh color 87, 21.742, 132.795.

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](#).

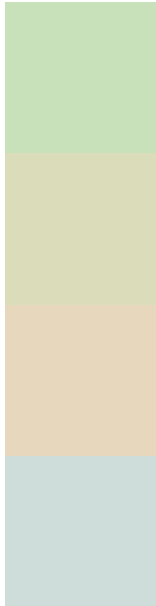
Dichromacy





Tritanopia
87, 9.858, 272.679

Trichromacy



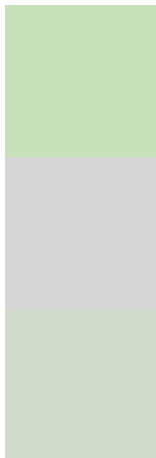
Original Color
87, 21.742, 132.795

Protanomaly
87, 18.196, 109.836

Deuteranomaly
87, 15.197, 86.833

Tritanomaly
87, 5.575, 182.747

Monochromacy



Original Color
87, 21.742, 132.795

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.053, 133.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.742, 132.795 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(201, 225, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 187)  
}
```

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(201, 225, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.742, 132.795 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(201, 225, 187) }
```

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

```
.border{ border-color:rgb(201, 225, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 225, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 225, 187); box-shadow:4px 4px 4px 4px rgb(201, 225, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.742, 132.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 187) }
```

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

```
.background{ background-color: rgb(201,  
225, 187) }
```

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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