

Converting Colors

CIELCh(87, 20.372, 142.708)

Have a look what the booklet for
CIELCh(87, 20.372, 142.708)
contains.

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Color

CIELCh(87, 20.267, 142.787)

Conversions

Conversions Part 1

Format	Color
Hex	C3E2C2
RGB	195, 226, 194
RGB Percent	76%, 89%, 76%
CMY	0.2347, 0.1131, 0.2386
CMYK	0.14, 0.00, 0.14, 0.11
HSL	118°, 36%, 82%
HSV	118°, 14%, 89%
XYZ	59.5425, 70.0064, 61.5061
YIQ	213.0830, -8.2040, -16.5240

Conversions

Conversions Part 2

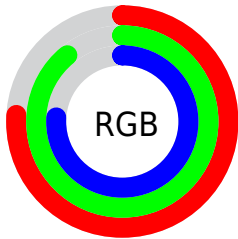
Format	Color
RYB	194, 226, 225
Decimal	12837570
CIELab	87.00, -16.14, 12.26
CIElCh	87, 20.267, 142.787
Yxy	70.0064, 0.3117, 0.3664
Android (android.graphics.Color)	4291027650 (0xFFC3E2C2)
YUV	213.0830, -9.4079, -15.8588
Hunter-Lab	83.6698, -19.3951, 14.9845

Details

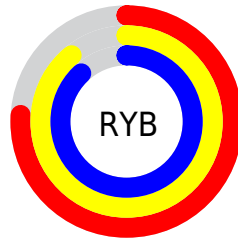
The CIELCh color **87, 20.267, 142.787** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 20.307, 324.342**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.287, 137.330**, and **67, 20.705, 142.512** is the 20% darker color. If you saturate the color by 10%, you get **85, 34.675, 142.068**, and if you desaturate by 10%, it is **89, 5.904, 143.429**.

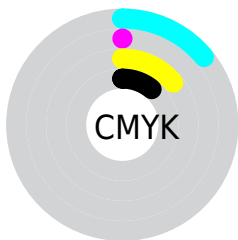
Distribution



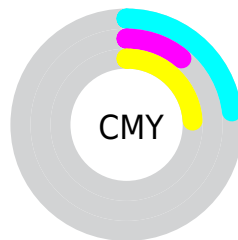
- Red (76%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (88%)



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




- Cyan (23%)
- Magenta (11%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 20.267, 142.787 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, 20.267, 142.787 by changing the saturation by 10% instead.


 87, 20.267,
142.787

 87, 20.267,
142.787


 100, 20.267,
142.787


 77, 20.267,
142.787

 67, 20.267,
142.787

 57, 20.267,
142.787

 47, 20.267,
142.787

 37, 20.267,
142.787


 27, 20.267,
142.787


 17, 20.267,


142.787

 7, 20.267, 142.787

 0, 20.267, 142.787

 87, 20.267,
142.787


 87, 20.267,
142.787


 85, 34.675,
142.068


 89, 5.904, 143.429

 84, 48.898,
141.241

 91, 8.260, 323.865

 82, 62.637,
140.305

 93, 18.029,
325.050

 81, 75.508,
139.283

 80, 87.028,

138.232

■ 80, 96.630,
137.254

■ 79, 103.724,
136.490

■ 79, 107.908,
136.066

■ 79, 109.242,
135.915

Harmonies

Complementary

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



87, 20.267, 142.787



82, 20.307, 324.342

Rectangle

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



87, 20.267, 142.787



87, 20.267, 192.787



87, 20.267, 322.787



87, 20.267, 12.787

Sweetspot

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



87, 20.269, 142.787



99, 6.267, 143.438



89, 16.022, 107.410



53, 4.458, 143.387



0, 0.000, 0.000



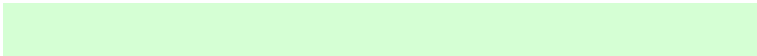
53, 0.007, 296.813

Same Dimension

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



87, 20.269, 142.787



96, 26.868, 142.585



87, 14.587, 160.743



46, 8.059, 143.093



63, 90.506, 135.879



16, 34.967, 138.917

Inverse Universe

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



82, 20.307, 324.342



89, 26.918, 324.501



82, 14.814, 343.044



44, 8.075, 324.086



41, 87.618, 327.006



7, 35.912, 327.183

Previews

White Background



This preview shows how the CIELCh color 87, 20.267, 142.787 looks on a white background.

Color Contrast Check

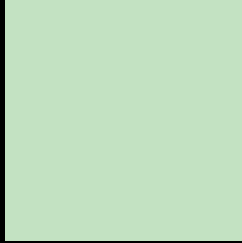
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 20.267, 142.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

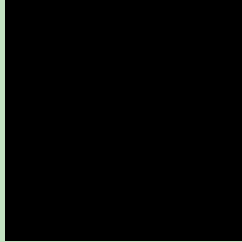
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

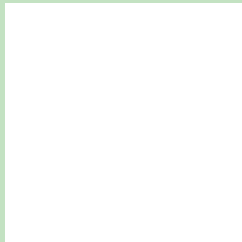
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 20.267, 142.787

Background



This preview shows how black text looks on a background with the CIELCh color 87, 20.267, 142.787.

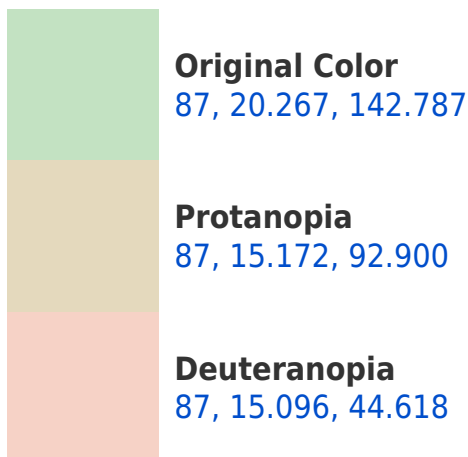


This preview shows how white text looks on a background with the CIELCh color 87, 20.267, 142.787.

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](#).

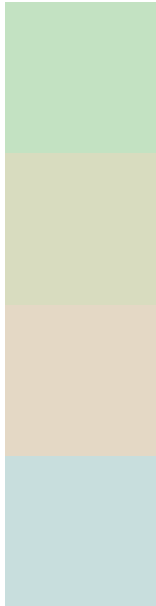
Dichromacy





Tritanopia
87, 10.674, 255.897

Trichromacy



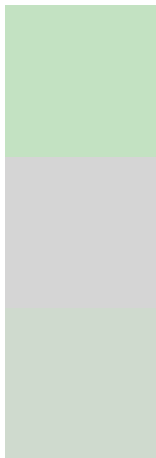
Original Color
87, 20.267, 142.787

Protanomaly
87, 15.174, 114.588

Deuteranomaly
87, 10.879, 84.820

Tritanomaly
87, 7.740, 195.048

Monochromacy



Original Color
87, 20.267, 142.787

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 7.480, 141.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 20.267, 142.787 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(195, 226, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 226, 194)  
}
```

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(195, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 226, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 20.267, 142.787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

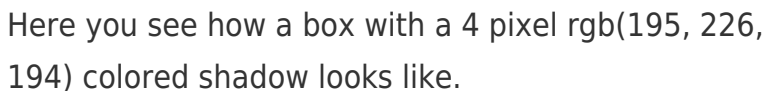
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 226, 194) }
```

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

```
.border{ border-color:rgb(195, 226, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 226, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 226, 194); box-shadow:4px 4px 4px 4px rgb(195, 226, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 20.267, 142.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 226, 194) }
```

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

```
.background{ background-color: rgb(195,  
226, 194) }
```

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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