

Converting Colors

CIELCh(86, 50.335, 155.506)

Have a look what the booklet for
CIELCh(86, 50.335, 155.506)
contains.

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Color

CIELCh(86, 50.290, 155.471)

Conversions

Conversions Part 1

Format	Color
Hex	7EEDAE
RGB	126, 237, 174
RGB Percent	49%, 93%, 68%
CMY	0.5063, 0.0710, 0.3180
CMYK	0.47, 0.00, 0.27, 0.07
HSL	146°, 75%, 71%
HSV	146°, 47%, 93%
XYZ	46.4728, 67.9871, 50.6676
YIQ	196.6290, -45.9330, -43.1250

Conversions

Conversions Part 2

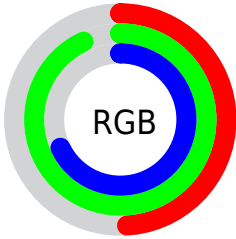
Format	Color
RYB	126, 203, 237
Decimal	8318382
CIELab	86.00, -45.75, 20.88
CIELCh	86, 50.290, 155.471
Yxy	67.9871, 0.2814, 0.4117
Android (android.graphics.Color)	4286508462 (0xFF7EEDAE)
YUV	196.6290, -11.1561, -61.9416
Hunter-Lab	82.4543, -43.6890, 21.2847

Details

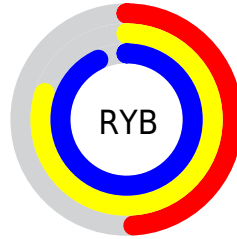
The CIELCh color **86, 50.290, 155.471** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67, 52.011, 344.666**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.410, 169.702**, and **66, 50.238, 155.429** is the 20% darker color. If you saturate the color by 10%, you get **85, 59.884, 154.037**, and if you desaturate by 10%, it is **87, 40.069, 156.727**.

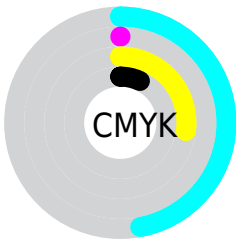
Distribution



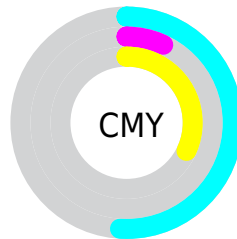
- Red (49%)
- Green (93%)
- Blue (68%)



- Red (49%)
- Yellow (80%)
- Blue (93%)



- Cyan (47%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)





- Cyan (51%)
- Magenta (7%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 50.290, 155.471 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 86, 50.290, 155.471 by changing the saturation by 10% instead.


 86, 50.290,
155.471


 86, 50.290,
155.471


 100, 50.290,
155.471


 76, 50.290,
155.471

 66, 50.290,
155.471

 56, 50.290,
155.471

 46, 50.290,
155.471

 36, 50.290,
155.471


 26, 50.290,
155.471


 16, 50.290,


155.471

 6, 50.290, 155.471

 0, 50.290, 155.471


 86, 50.290,
155.471


 86, 50.290,
155.471


 85, 59.884,
154.037


 87, 40.069,
156.727


 84, 68.665,
152.404

 89, 29.413,
157.831

 83, 76.489,
150.560

 90, 18.507,
158.810

 83, 83.279,
148.511

 92, 7.512, 159.705

 83, 89.057,

 94, 3.440, 340.291

146.301

96, 11.112,
325.447

83, 90.736,
145.619

96, 11.292,
324.807

Harmonies

Complementary

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



86, 50.290, 155.471



67, 52.011, 344.666

Rectangle

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



86, 50.290, 155.471



86, 50.290, 205.471



86, 50.290, 335.471



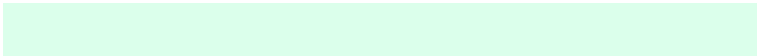
86, 50.290, 25.471

Sweetspot

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



86, 50.291, 155.471



97, 16.316, 159.066



88, 58.617, 123.794



51, 11.265, 158.868



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 50.291, 155.471



91, 62.698, 154.133



87, 34.450, 189.002



48, 6.182, 159.474



65, 73.517, 146.036



19, 28.994, 149.969

Inverse Universe

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



67, 52.011, 344.666



67, 64.714, 345.934



65, 45.823, 18.444



46, 6.241, 340.888



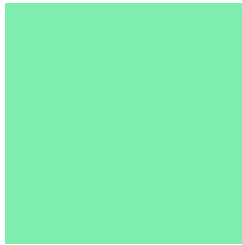
39, 66.716, 355.696



8, 29.369, 350.261

Previews

White Background



This preview shows how the CIELCh color 86, 50.290, 155.471 looks on a white background.

Color Contrast Check

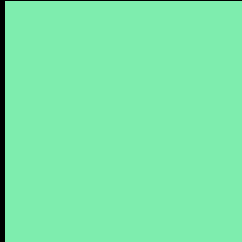
Large Text (above 18pt) WCAG AA × Fail

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 86, 50.290, 155.471 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 86, 50.290, 155.471

Background



This preview shows how black text looks on a background with the CIELCh color 86, 50.290, 155.471.

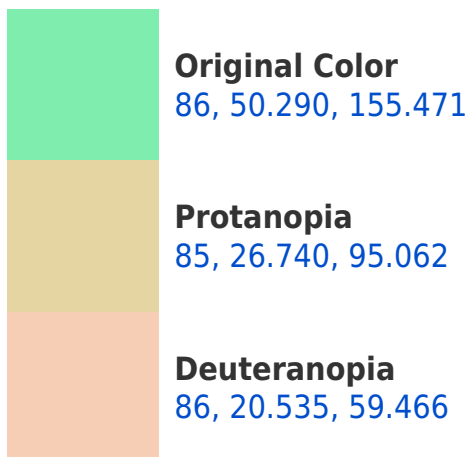



This preview shows how white text looks on a background with the CIELCh color 86, 50.290, 155.471.

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



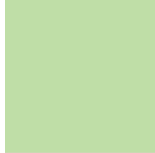


Tritanopia
86, 26.844, 218.638

Trichromacy



Original Color
86, 50.290, 155.471



Protanomaly
85, 30.974, 130.146



Deuteranomaly
85, 21.167, 124.028

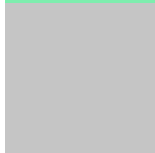


Tritanomaly
86, 30.650, 186.408

Monochromacy



Original Color
86, 50.290, 155.471



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 19.304, 158.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 50.290, 155.471 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(126, 237, 174)` looks like.

```
.text, #text, p{  
    color:rgb(126, 237, 174)  
}
```

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(126, 237, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 237, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 50.290, 155.471 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(126, 237, 174) }
```

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

```
.border{ border-color:rgb(126, 237, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 237, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 237, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 237, 174);  
box-shadow:4px 4px 4px 4px rgb(126, 237,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 50.290, 155.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 237, 174) }
```

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

```
.background{ background-color: rgb(126,  
237, 174) }
```

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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