

Converting Colors

CIELCh(86, 41.026, 125.063)

Have a look what the booklet for
CIELCh(86, 41.026, 125.063)
contains.

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Color

CIELCh(86, 41.155, 125.085)

Conversions

Conversions Part 1

Format	Color
Hex	C1E296
RGB	193, 226, 150
RGB Percent	76%, 89%, 59%
CMY	0.2428, 0.1134, 0.4115
CMYK	0.15, 0.00, 0.34, 0.11
HSL	86°, 57%, 74%
HSV	86°, 34%, 89%
XYZ	54.7403, 67.9871, 39.1229
YIQ	207.4690, 4.7280, -30.6320

Conversions

Conversions Part 2

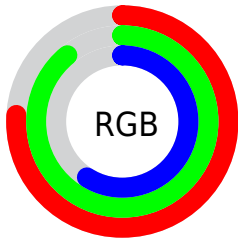
Format	Color
RYB	150, 226, 183
Decimal	12706454
CIELab	86.00, -23.66, 33.68
CIElCh	86, 41.155, 125.085
Yxy	67.9871, 0.3382, 0.4201
Android (android.graphics.Color)	4290896534 (0xFFC1E296)
YUV	207.4690, -28.3322, -12.6893
Hunter-Lab	82.4543, -25.7912, 29.5861

Details

The CIELCh color **86, 41.155, 125.085** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68, 43.491, 308.574**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.321, 112.494**, and **66, 41.562, 125.353** is the 20% darker color. If you saturate the color by 10%, you get **85, 52.969, 124.610**, and if you desaturate by 10%, it is **87, 29.033, 125.591**.

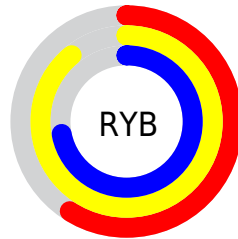
Distribution



Red (76%)

Green (89%)

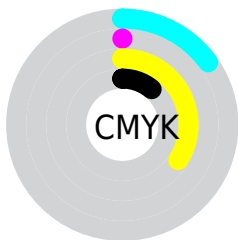
Blue (59%)



Red (59%)

Yellow (89%)

Blue (72%)

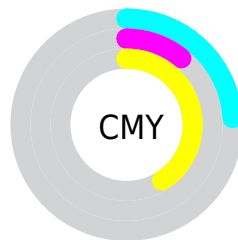


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (24%)


Magenta (11%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 41.155, 125.085 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, 41.155, 125.085 by changing the saturation by 10% instead.


 86, 41.155,
125.085


 86, 41.155,
125.085


 100, 41.155,
125.085


 76, 41.155,
125.085

 66, 41.155,
125.085

 56, 41.155,
125.085

 46, 41.155,
125.085


 36, 41.155,
125.085


 26, 41.155,
125.085


 16, 41.155,


125.085


 6, 41.155, 125.085

 0, 41.155, 125.085


 86, 41.155,
125.085


 86, 41.155,
125.085

 85, 52.969,
124.610


 87, 29.033,
125.591

 84, 64.235,
124.207

 88, 16.757,
126.096


 83, 74.613,
123.951

 89, 4.441, 126.595

 83, 83.637,
123.946

 91, 7.838, 307.011

 82, 90.766,

 92, 16.046,
311.490

124.317

93, 17.521,
322.130

82, 95.582,
125.173

93, 18.082,
325.052

81, 97.659,
125.916

Harmonies

Complementary

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



86, 41.155, 125.085



68, 43.491, 308.574

Rectangle

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



86, 41.155, 125.085



86, 41.155, 175.085



86, 41.155, 305.085



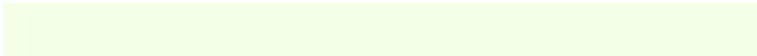
86, 41.155, 355.085

Sweetspot

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



86, 41.157, 125.087



99, 13.561, 126.272



77, 25.141, 64.152



52, 9.254, 126.202



0, 0.000, 0.000



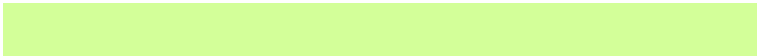
53, 0.007, 296.813

Same Dimension

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



86, 41.157, 125.087



95, 53.729, 124.764



84, 47.600, 140.444



47, 6.941, 126.303



65, 80.780, 125.642



17, 30.198, 125.506

Inverse Universe

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



68, 43.491, 308.574



71, 57.495, 308.993



71, 47.778, 324.318



44, 7.050, 307.187



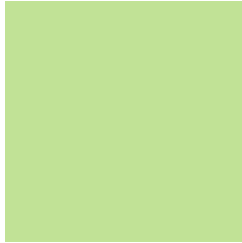
26, 95.759, 310.546



3, 33.028, 307.836

Previews

White Background



This preview shows how the CIELCh color 86, 41.155, 125.085 looks on a white background.

Color Contrast Check

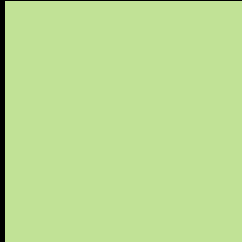
Large Text (above 18pt) WCAG AA × Fail

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, 41.155, 125.085 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, 41.155, 125.085

Background



This preview shows how black text looks on a background with the CIELCh color 86, 41.155, 125.085.



This preview shows how white text looks on a background with the CIELCh color 86, 41.155, 125.085.

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
86, 41.155, 125.085

Protanopia
86, 36.897, 96.254

Deuteranopia
86, 33.649, 71.491



Tritanopia
86, 9.613, 267.745

Trichromacy



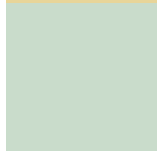
Original Color
86, 41.155, 125.085



Protanomaly
86, 37.105, 107.619



Deuteranomaly
86, 32.151, 93.695

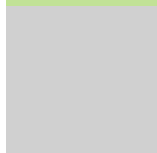


Tritanomaly
86, 11.324, 146.932

Monochromacy



Original Color
86, 41.155, 125.085



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 15.364, 125.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 41.155, 125.085 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(193, 226, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 226, 150)  
}
```

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(193, 226, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 226, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 41.155, 125.085 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(193, 226, 150) }
```

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

```
.border{ border-color:rgb(193, 226, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 226, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 226, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 226, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 226,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 41.155, 125.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 226, 150) }
```

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

```
.background{ background-color: rgb(193,  
226, 150) }
```

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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