

Converting Colors

CIELCh(86, 12.933, 144.381)

Have a look what the booklet for
CIELCh(86, 12.933, 144.381)
contains.

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Color

CIELCh(86, 13.026, 145.193)

Conversions

Conversions Part 1

Format	Color
Hex	C8DDC9
RGB	200, 221, 201
RGB Percent	78%, 87%, 79%
CMY	0.2169, 0.1345, 0.2130
CMYK	0.10, 0.00, 0.09, 0.13
HSL	123°, 23%, 82%
HSV	123°, 10%, 87%
XYZ	60.0175, 67.9871, 65.0283
YIQ	212.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

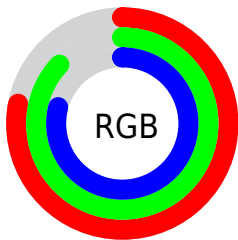
Format	Color
R_{YB}	200, 220, 221
Decimal	13163977
CIE Lab	86.00, -10.70, 7.44
CIE LCh	86, 13.026, 145.193
Yxy	67.9871, 0.3109, 0.3522
Android (android.graphics.Color)	4291354057 (0xFFC8DDC9)
YUV	212.4410, -5.6404, -10.9108
Hunter-Lab	82.4543, -14.3669, 10.9584

Details

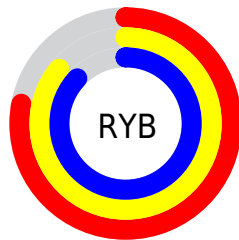
The CIELCh color **86, 13.026, 145.193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 13.050, 326.252**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 13.083, 145.103** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.845, 144.479**, and if you desaturate by 10%, it is **88, 0.669, 325.335**.

Distribution



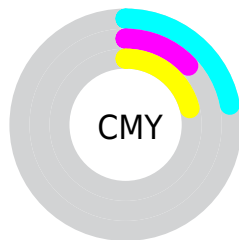
- Red (78%)
- Green (87%)
- Blue (79%)



- Red (78%)
- Yellow (86%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 13.026, 145.193 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, 13.026, 145.193 by changing the saturation by 10% instead.


 86, 13.026,
145.193


 86, 13.026,
145.193


 100, 13.026,
145.193


 76, 13.026,
145.193

 66, 13.026,
145.193

 56, 13.026,
145.193

 46, 13.026,
145.193

 36, 13.026,
145.193

 26, 13.026,
145.193

 16, 13.026,

145.193

■ 6, 13.026, 145.193

■ 0, 13.026, 145.193

■ 86, 13.026,
145.193

■ 86, 13.026,
145.193

■ 84, 26.845,
144.479

■ 88, 0.669, 325.335

■ 82, 40.593,
143.652

■ 90, 14.114,
326.254

■ 81, 54.023,
142.697

■ 92, 21.475,
325.172

■ 80, 66.816,
141.614

■ 79, 78.588,

140.423

■ 78, 88.889,
139.182

■ 78, 97.231,
137.992

■ 77, 103.158,
136.990

■ 77, 106.483,
136.340

Harmonies

Complementary

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



86, 13.026, 145.193



83, 13.050, 326.252

Rectangle

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



86, 13.026, 145.193



86, 13.026, 195.193



86, 13.026, 325.193



86, 13.026, 15.193

Sweetspot

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



86, 13.028, 145.193



99, 4.590, 145.640



87, 10.927, 110.621



53, 3.483, 145.578



0, 0.000, 0.000



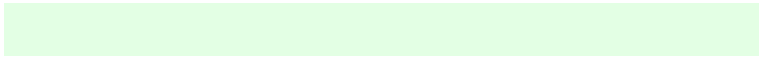
53, 0.007, 296.813

Same Dimension

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



86, 13.028, 145.193



97, 16.953, 145.087



86, 9.157, 164.718



45, 7.733, 145.199



62, 88.800, 136.432



15, 32.922, 141.012

Inverse Universe

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



83, 13.050, 326.252



93, 16.979, 326.344



82, 9.293, 346.260



43, 7.746, 326.247



41, 83.391, 330.211



7, 33.432, 329.787

Previews

White Background



This preview shows how the CIELCh color 86, 13.026, 145.193 looks on a white background.

Color Contrast Check

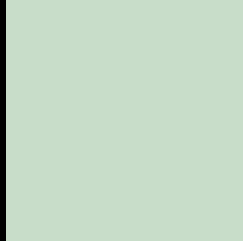
Large Text (above 18pt) WCAG AA × Fail

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 86, 13.026, 145.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

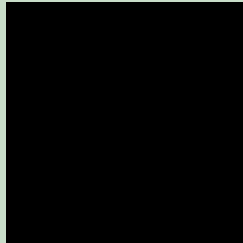
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

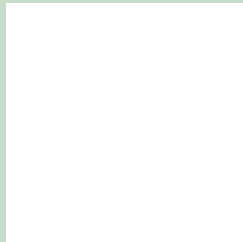
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 13.026, 145.193

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.026, 145.193.



This preview shows how white text looks on a background with the CIELCh color 86, 13.026, 145.193.

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](#).

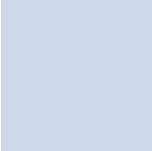
Dichromacy



Original Color
86, 13.026, 145.193

Protanopia
86, 9.490, 88.595

Deuteranopia
86, 12.573, 29.794



Tritanopia
86, 9.613, 267.745

Trichromacy



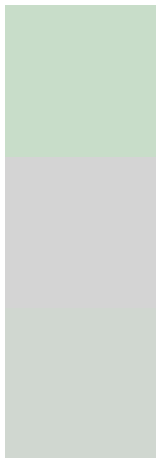
Original Color
86, 13.026, 145.193

Protanomaly
86, 9.413, 111.633

Deuteranomaly
86, 7.111, 66.847

Tritanomaly
86, 5.475, 215.889

Monochromacy



Original Color
86, 13.026, 145.193

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.483, 144.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.026, 145.193 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(200, 221, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 201)  
}
```

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(200, 221, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.026, 145.193 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(200, 221, 201) }
```

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

```
.border{ border-color:rgb(200, 221, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.026, 145.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 201) }
```

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

```
.background{ background-color: rgb(200,  
221, 201) }
```

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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