

Converting Colors

CIELCh(86, 29.638, 142.908)

Have a look what the booklet for
CIELCh(86, 29.638, 142.908)
contains.

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Color

CIELCh(86, 29.903, 142.578)

Conversions

Conversions Part 1

Format	Color
Hex	B5E3B4
RGB	181, 227, 180
RGB Percent	71%, 89%, 71%
CMY	0.2906, 0.1102, 0.2945
CMYK	0.20, 0.00, 0.21, 0.11
HSL	119°, 46%, 80%
HSV	119°, 21%, 89%
XYZ	54.7037, 67.9871, 53.3688
YIQ	207.8880, -12.3290, -24.3690

Conversions

Conversions Part 2

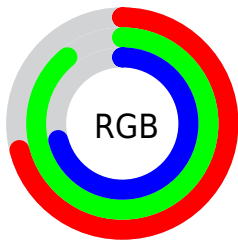
Format	Color
RYB	180, 227, 226
Decimal	11920308
CIELab	86.00, -23.75, 18.17
CIELCh	86, 29.903, 142.578
Yxy	67.9871, 0.3107, 0.3862
Android (android.graphics.Color)	4290110388 (0xFFB5E3B4)
YUV	207.8880, -13.7488, -23.5808
Hunter-Lab	82.4543, -25.8706, 19.3424

Details

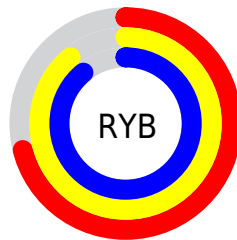
The CIELCh color **86, 29.903, 142.578** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **79, 29.948, 324.975**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.632, 142.647**, and **66, 29.727, 142.740** is the 20% darker color. If you saturate the color by 10%, you get **84, 44.302, 141.775**, and if you desaturate by 10%, it is **88, 15.405, 143.274**.

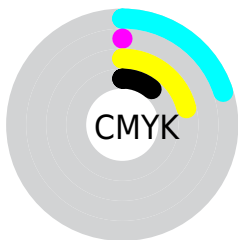
Distribution



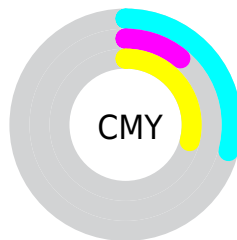
- Red (71%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 29.903, 142.578 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, 29.903, 142.578 by changing the saturation by 10% instead.

■ 86, 29.903,
142.578

■ 86, 29.903,
142.578

■ 100, 29.903,
142.578

■ 76, 29.903,
142.578

■ 66, 29.903,
142.578

■ 56, 29.903,
142.578

■ 46, 29.903,
142.578

■ 36, 29.903,
142.578


■ 26, 29.903,
142.578


■ 16, 29.903,


142.578


 6, 29.903, 142.578


 0, 29.903, 142.578

 86, 29.903,
142.578


 86, 29.903,
142.578


 84, 44.302,
141.775


 88, 15.405,
143.274


 83, 58.318,
140.858

 90, 1.009, 144.115

 82, 71.592,
139.839

 92, 13.139,
324.311

 81, 83.669,
138.762

 93, 17.565,
325.034

 80, 94.005,

137.711

■ 79, 102.002,
136.819

■ 79, 107.163,
136.229

■ 79, 109.559,
135.948

Harmonies

Complementary

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



86, 29.903, 142.578



79, 29.948, 324.975

Rectangle

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



86, 29.903, 142.578



86, 29.903, 192.578



86, 29.903, 322.578



86, 29.903, 12.578

Sweetspot

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



86, 29.905, 142.578



99, 9.451, 143.572



89, 23.471, 106.751



52, 6.273, 143.531



0, 0.000, 0.000



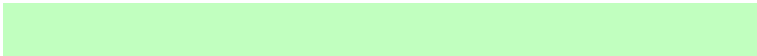
53, 0.007, 296.813

Same Dimension

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



86, 29.905, 142.578



95, 39.689, 142.235



86, 21.386, 160.119



46, 8.085, 143.356



63, 90.561, 135.923



16, 35.059, 139.098

Inverse Universe

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



79, 29.948, 324.975



85, 39.740, 325.211



78, 21.863, 343.656



44, 8.100, 324.362



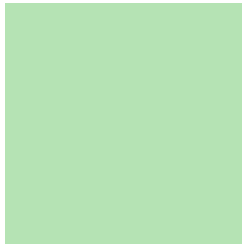
41, 87.571, 327.398



8, 35.919, 327.519

Previews

White Background



This preview shows how the CIELCh color 86, 29.903, 142.578 looks on a white background.

Color Contrast Check

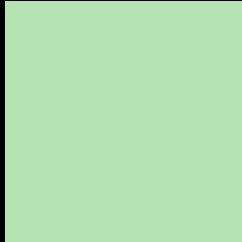
Large Text (above 18pt) WCAG AA × Fail

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, 29.903, 142.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

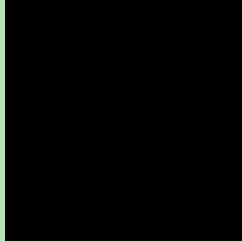
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 29.903, 142.578

Background



This preview shows how black text looks on a background with the CIELCh color 86, 29.903, 142.578.

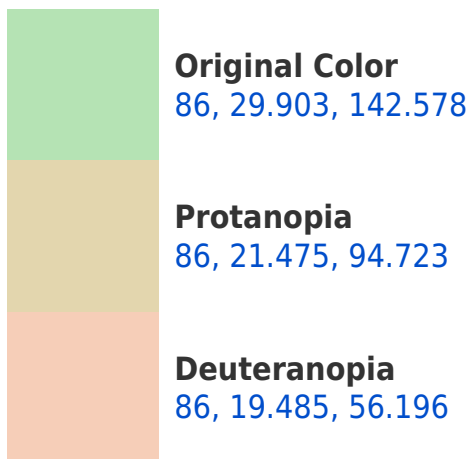


This preview shows how white text looks on a background with the CIELCh color 86, 29.903, 142.578.

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, 13.118, 245.236

Trichromacy



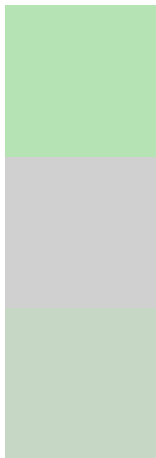
Original Color
86, 29.903, 142.578

Protanomaly
86, 22.638, 117.031

Deuteranomaly
86, 16.472, 98.056

Tritanomaly
86, 12.664, 184.114

Monochromacy



Original Color
86, 29.903, 142.578

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 10.938, 144.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 29.903, 142.578 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(181, 227, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 180)  
}
```

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(181, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 29.903, 142.578 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(181, 227, 180) }
```

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

```
.border{ border-color:rgb(181, 227, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 227, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 227, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 227, 180); box-shadow:4px 4px 4px 4px rgb(181, 227, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 29.903, 142.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 180) }
```

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

```
.background{ background-color: rgb(181,  
227, 180) }
```

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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