

Converting Colors

CIELCh(85, 14.284, 147.030)

Have a look what the booklet for
CIELCh(85, 14.284, 147.030)
contains.

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Color

CIELCh(85, 14.561, 146.118)

Conversions

Conversions Part 1

Format	Color
Hex	C3DBC5
RGB	195, 219, 197
RGB Percent	76%, 86%, 77%
CMY	0.2369, 0.1428, 0.2290
CMYK	0.11, 0.00, 0.10, 0.14
HSL	125°, 25%, 81%
HSV	125°, 11%, 86%
XYZ	57.6553, 66.0070, 62.2808
YIQ	209.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

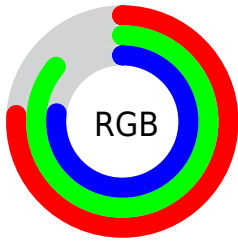
Format	Color
RYB	195, 217, 219
Decimal	12835781
CIELab	85.00, -12.09, 8.12
CIELCh	85, 14.561, 146.118
Yxy	66.0070, 0.3101, 0.3550
Android (android.graphics.Color)	4291025861 (0xFFC3DBC5)
YUV	209.3160, -6.0718, -12.5551
Hunter-Lab	81.2447, -15.5057, 11.4206

Details

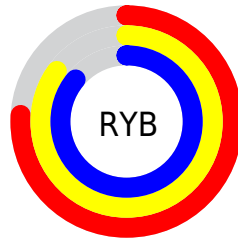
The CIELCh color **85, 14.561, 146.118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 14.589, 327.381**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.162, 174.066**, and **65, 14.712, 146.029** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.940, 145.380**, and if you desaturate by 10%, it is **87, 1.279, 146.950**.

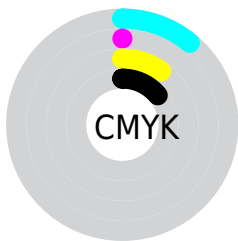
Distribution



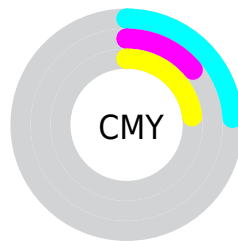
- Red (76%)
- Green (86%)
- Blue (77%)



- Red (76%)
- Yellow (85%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (24%)
- Magenta (14%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.561, 146.118 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 85, 14.561, 146.118 by changing the saturation by 10% instead.


 85, 14.561,
146.118


 85, 14.561,
146.118


 100, 14.561,
146.118


 75, 14.561,
146.118

 65, 14.561,
146.118

 55, 14.561,
146.118

 45, 14.561,
146.118

 35, 14.561,
146.118

 25, 14.561,
146.118

 15, 14.561,

146.118

■ 5, 14.561, 146.118

■ 0, 14.561, 146.118

■ 85, 14.561,
146.118

■ 85, 14.561,
146.118

■ 83, 27.940,
145.380

■ 87, 1.279, 146.950

■ 82, 41.223,
144.526

■ 89, 11.779,
327.221

■ 80, 54.172,
143.538

■ 91, 22.799,
325.218

■ 79, 66.486,
142.413

■ 78, 77.809,

141.167

■ 77, 87.740,
139.848

■ 77, 95.856,
138.545

■ 77, 101.763,
137.385

■ 76, 105.068,
136.621

Harmonies

Complementary

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



85, 14.561, 146.118



81, 14.589, 327.381

Rectangle

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



85, 14.561, 146.118



85, 14.561, 196.118



85, 14.561, 326.118



85, 14.561, 16.118

Sweetspot

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



85, 14.563, 146.118



99, 4.478, 146.673



87, 12.531, 112.537



53, 3.398, 146.609



0, 0.000, 0.000



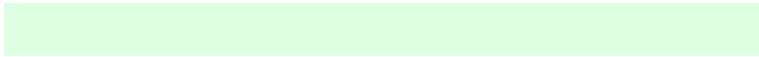
53, 0.007, 296.813

Same Dimension

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



85, 14.563, 146.118



97, 19.566, 145.969



85, 10.120, 167.466



45, 7.543, 146.224



62, 88.080, 136.767



15, 32.326, 141.622

Inverse Universe

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



81, 14.589, 327.381



92, 19.599, 327.508



81, 10.329, 349.351



43, 7.558, 327.289



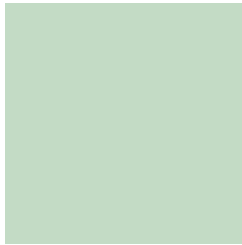
40, 81.094, 331.837



7, 32.603, 331.097

Previews

White Background



This preview shows how the CIELCh color 85, 14.561, 146.118 looks on a white background.

Color Contrast Check

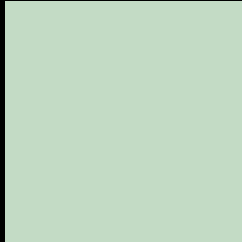
Large Text (above 18pt) WCAG AA × Fail

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 85, 14.561, 146.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

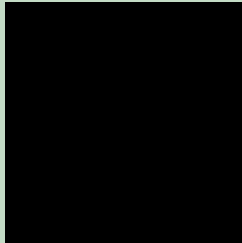
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

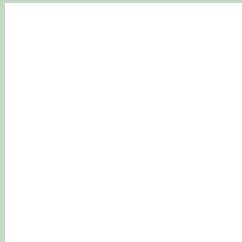
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 14.561, 146.118

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.561, 146.118.

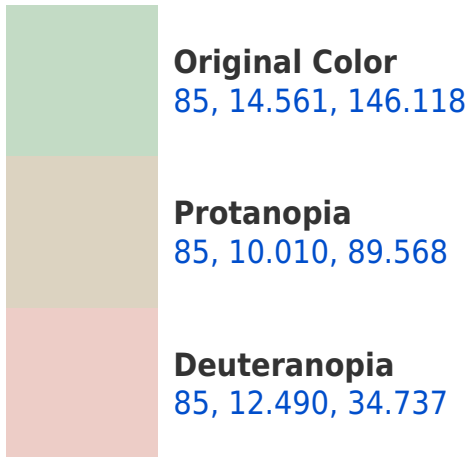


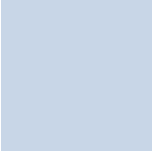
This preview shows how white text looks on a background with the CIELCh color 85, 14.561, 146.118.

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](#).

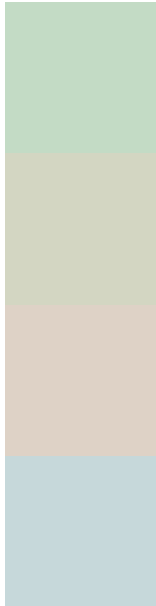
Dichromacy





Tritanopia
85, 10.049, 262.365

Trichromacy



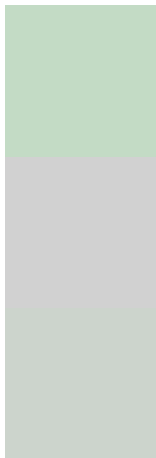
Original Color
85, 14.561, 146.118

Protanomaly
85, 10.536, 115.368

Deuteranomaly
85, 7.712, 74.049

Tritanomaly
85, 6.396, 208.538

Monochromacy



Original Color
85, 14.561, 146.118

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.140, 144.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.561, 146.118 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, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 197)  
}
```

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, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.561, 146.118 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, 219, 197) }
```

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

```
.border{ border-color:rgb(195, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 219, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 219, 197); box-shadow:4px 4px 4px 4px rgb(195, 219, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.561, 146.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 197) }
```

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

```
.background{ background-color: rgb(195,  
219, 197) }
```

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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