

Converting Colors

CIELCh(85, 21.225, 145.774)

Have a look what the booklet for
CIELCh(85, 21.225, 145.774)
contains.

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Color

CIELCh(85, 21.216, 145.840)

Conversions

Conversions Part 1

Format	Color
Hex	BADDBD
RGB	186, 221, 189
RGB Percent	73%, 87%, 74%
CMY	0.2696, 0.1323, 0.2578
CMYK	0.16, 0.00, 0.14, 0.13
HSL	125°, 34%, 80%
HSV	125°, 16%, 87%
XYZ	55.4498, 66.0070, 58.1064
YIQ	206.8870, -10.5880, -17.3720

Conversions

Conversions Part 2

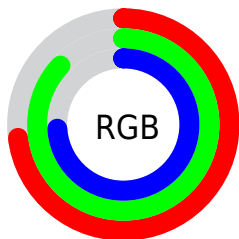
Format	Color
RYB	186, 218, 221
Decimal	12246461
CIELab	85.00, -17.56, 11.91
CIELCh	85, 21.216, 145.840
Yxy	66.0070, 0.3088, 0.3676
Android (android.graphics.Color)	4290436541 (0xFFBADDDBD)
YUV	206.8870, -8.8183, -18.3179
Hunter-Lab	81.2447, -20.3514, 14.4670

Details

The CIELCh color **85, 21.216, 145.840** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **79, 21.252, 327.738**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.867, 151.350**, and **65, 21.282, 146.469** is the 20% darker color. If you saturate the color by 10%, you get **83, 34.687, 145.047**, and if you desaturate by 10%, it is **87, 7.759, 146.536**.

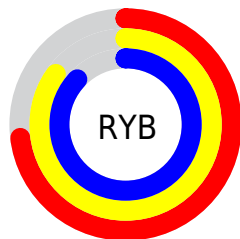
Distribution



Red (73%)

Green (87%)

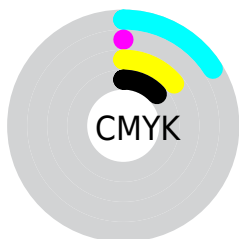
Blue (74%)



Red (73%)

Yellow (85%)

Blue (87%)

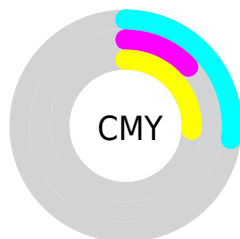


Cyan (16%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (27%)


Magenta (13%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.216, 145.840 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, 21.216, 145.840 by changing the saturation by 10% instead.


 85, 21.216,
145.840


 85, 21.216,
145.840


 100, 21.216,
145.840


 75, 21.216,
145.840

 65, 21.216,
145.840

 55, 21.216,
145.840

 45, 21.216,
145.840


 35, 21.216,
145.840


 25, 21.216,
145.840


 15, 21.216,


145.840

 5, 21.216, 145.840


 0, 21.216, 145.840

 85, 21.216,
145.840


 85, 21.216,
145.840


 83, 34.687,
145.047


 87, 7.759, 146.536


 82, 47.951,
144.128

 89, 5.532, 327.016

 80, 60.739,
143.071


 91, 18.544,
327.542


 79, 72.719,
141.880


 92, 21.113,
325.159


 79, 83.511,

140.586

 78, 92.697,
139.253

 77, 99.857,
137.992

 77, 104.656,
136.940

 77, 105.992,
136.637

Harmonies

Complementary

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



85, 21.216, 145.840



79, 21.252, 327.738

Rectangle

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



85, 21.216, 145.840



85, 21.216, 195.840



85, 21.216, 325.840



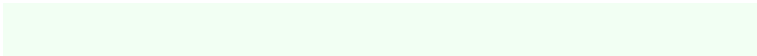
85, 21.216, 15.840

Sweetspot

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



85, 21.218, 145.840



99, 7.469, 146.591



87, 18.220, 112.127



53, 5.099, 146.542



0, 0.000, 0.000



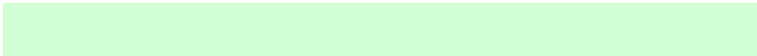
53, 0.007, 296.813

Same Dimension

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



85, 21.218, 145.840



96, 28.618, 145.589



85, 14.707, 166.987



45, 7.531, 146.292



62, 88.026, 136.793



15, 32.288, 141.662

Inverse Universe

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



79, 21.252, 327.738



88, 28.660, 327.934



79, 15.139, 349.847



43, 7.546, 327.358



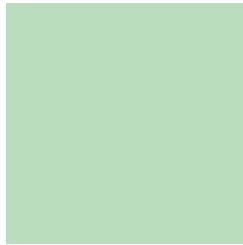
40, 80.948, 331.946



7, 32.550, 331.184

Previews

White Background



This preview shows how the CIELCh color 85, 21.216, 145.840 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 85, 21.216, 145.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

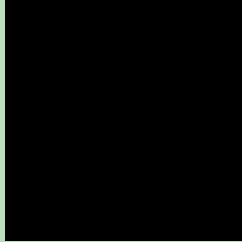
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

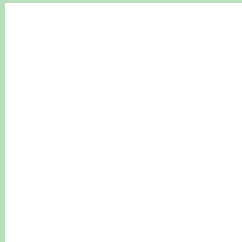
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 21.216, 145.840

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.216, 145.840.

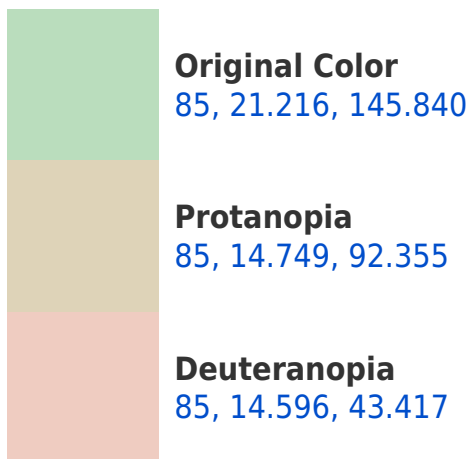


This preview shows how white text looks on a background with the CIELCh color 85, 21.216, 145.840.

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, 11.291, 251.702

Trichromacy



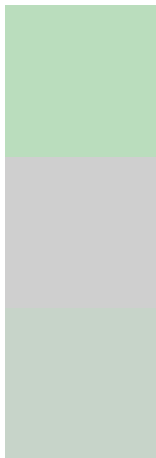
Original Color
85, 21.216, 145.840

Protanomaly
85, 15.342, 117.355

Deuteranomaly
85, 10.154, 87.542

Tritanomaly
85, 9.131, 195.501

Monochromacy



Original Color
85, 21.216, 145.840

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 7.523, 148.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.216, 145.840 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(186, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 221, 189)  
}
```

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(186, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 221, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.216, 145.840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

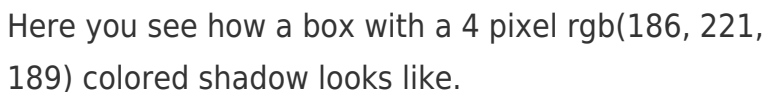
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 221, 189) }
```

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

```
.border{ border-color:rgb(186, 221, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 221, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 221, 189); box-shadow:4px 4px 4px 4px rgb(186, 221, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.216, 145.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 221, 189) }
```

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

```
.background{ background-color: rgb(186,  
221, 189) }
```

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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