

Converting Colors

CIELCh(85, 28.488, 143.755)

Have a look what the booklet for
CIELCh(85, 28.488, 143.755)
contains.

CIELCh(85, 28.467, 143.740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 28.467, 143.740)

Conversions

Conversions Part 1

Format	Color
Hex	B3E0B4
RGB	179, 224, 180
RGB Percent	70%, 88%, 71%
CMY	0.2990, 0.1226, 0.2951
CMYK	0.20, 0.00, 0.20, 0.12
HSL	121°, 42%, 79%
HSV	121°, 20%, 88%
XYZ	53.3280, 66.0070, 52.9743
YIQ	205.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

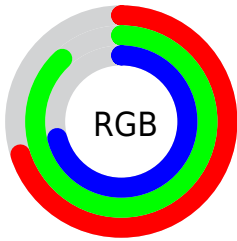
Format	Color
RYB	179, 223, 224
Decimal	11788468
CIELab	85.00, -22.95, 16.84
CIElCh	85, 28.467, 143.740
Yxy	66.0070, 0.3095, 0.3831
Android (android.graphics.Color)	4289978548 (0xFFB3E0B4)
YUV	205.5290, -12.5858, -23.2659
Hunter-Lab	81.2447, -25.0132, 18.2122

Details

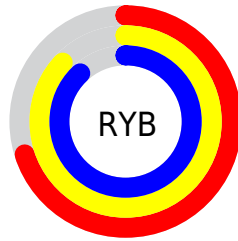
The CIELCh color **85, 28.467, 143.740** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **78, 28.492, 326.145**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.041, 145.367**, and **65, 28.660, 143.379** is the 20% darker color. If you saturate the color by 10%, you get **83, 42.598, 142.912**, and if you desaturate by 10%, it is **87, 14.251, 144.455**.

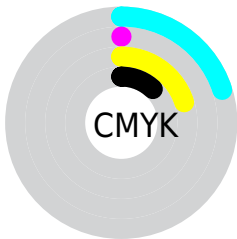
Distribution



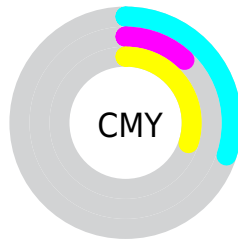
- Red (70%)
- Green (88%)
- Blue (71%)



- Red (70%)
- Yellow (87%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.467, 143.740 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, 28.467, 143.740 by changing the saturation by 10% instead.

 85, 28.467,
143.740

 85, 28.467,
143.740


 100, 28.467,
143.740


 75, 28.467,
143.740

 65, 28.467,
143.740

 55, 28.467,
143.740

 45, 28.467,
143.740

 35, 28.467,
143.740


 25, 28.467,
143.740


 15, 28.467,


143.740


 5, 28.467, 143.740


 0, 28.467, 143.740

 85, 28.467,
143.740


 85, 28.467,
143.740


 83, 42.598,
142.912


 87, 14.251,
144.455


 82, 56.370,
141.958

 89, 0.145, 147.003

 81, 69.438,
140.883

 91, 13.706,
325.518


 80, 81.380,
139.718


 92, 19.556,
325.104

 79, 91.696,

138.536

 78, 99.844,
137.453

 78, 105.343,
136.616

 78, 108.132,
136.159

Harmonies

Complementary

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



85, 28.467, 143.740



78, 28.492, 326.145

Rectangle

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



85, 28.467, 143.740



85, 28.467, 193.740



85, 28.467, 323.740



85, 28.467, 13.740

Sweetspot

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



85, 28.469, 143.740



99, 9.374, 144.724



88, 23.277, 108.938



52, 6.221, 144.681



0, 0.000, 0.000



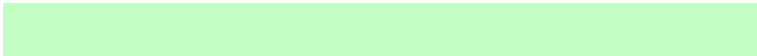
53, 0.007, 296.813

Same Dimension

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



85, 28.469, 143.740



95, 37.792, 143.418



85, 19.770, 162.778



46, 8.019, 144.499



63, 90.255, 136.208



16, 34.864, 139.846

Inverse Universe

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



78, 28.492, 326.145



85, 37.811, 326.371



77, 20.317, 346.349



44, 8.032, 325.541



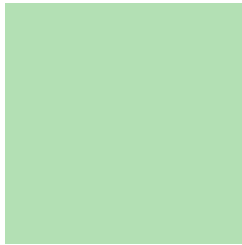
42, 85.982, 329.134



8, 35.397, 328.978

Previews

White Background



This preview shows how the CIELCh color 85, 28.467, 143.740 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, 28.467, 143.740 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

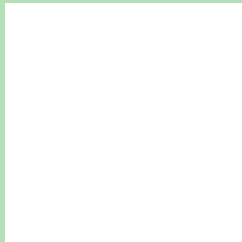
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 28.467, 143.740

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.467, 143.740.

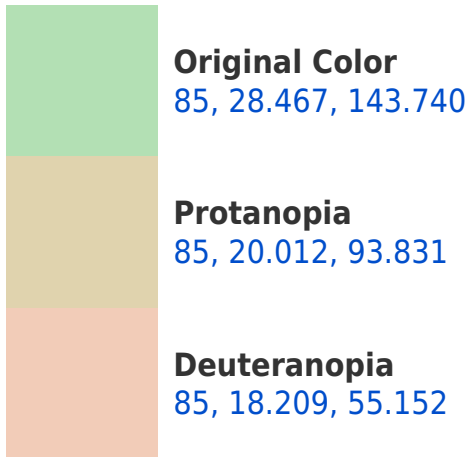


This preview shows how white text looks on a background with the CIELCh color 85, 28.467, 143.740.

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, 13.144, 245.270

Trichromacy



Original Color
85, 28.467, 143.740

Protanomaly
85, 21.098, 116.730

Deuteranomaly
84, 15.488, 97.436

Tritanomaly
85, 12.211, 186.100

Monochromacy



Original Color
85, 28.467, 143.740

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 10.534, 145.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.467, 143.740 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(179, 224, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 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(179, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.467, 143.740 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(179, 224, 180) }
```

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

```
.border{ border-color:rgb(179, 224, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 224,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.467, 143.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 180) }
```

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

```
.background{ background-color: rgb(179,  
224, 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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