

Converting Colors

CIELCh(85, 19.407, 148.104)

Have a look what the booklet for
CIELCh(85, 19.407, 148.104)
contains.

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Color

CIELCh(85, 19.729, 147.747)

Conversions

Conversions Part 1

Format	Color
Hex	BBDDC0
RGB	187, 221, 192
RGB Percent	73%, 87%, 75%
CMY	0.2671, 0.1337, 0.2475
CMYK	0.15, 0.00, 0.13, 0.13
HSL	129°, 33%, 80%
HSV	129°, 15%, 87%
XYZ	55.7973, 66.0070, 59.6066
YIQ	207.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

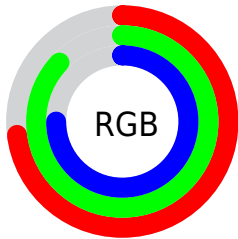
Format	Color
RYB	187, 217, 221
Decimal	12312000
CIELab	85.00, -16.68, 10.53
CIELCh	85, 19.729, 147.747
Yxy	66.0070, 0.3076, 0.3639
Android (android.graphics.Color)	4290502080 (0xFFBBDDC0)
YUV	207.5280, -7.6553, -18.0031
Hunter-Lab	81.2447, -19.5880, 13.3721

Details

The CIELCh color **85, 19.729, 147.747** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **80, 19.780, 329.657**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.530, 159.140**, and **65, 19.722, 148.557** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.609, 146.939**, and if you desaturate by 10%, it is **87, 6.868, 148.464**.

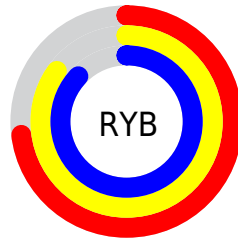
Distribution



Red (73%)

Green (87%)

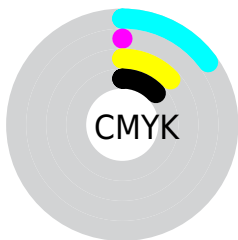
Blue (75%)



Red (73%)

Yellow (85%)

Blue (87%)

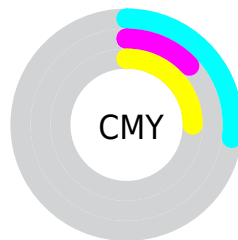


Cyan (15%)

Magenta (0%)

Yellow (13%)

Black (13%)



Cyan (27%)


Magenta (13%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.729, 147.747 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, 19.729, 147.747 by changing the saturation by 10% instead.


 85, 19.729,
147.747

 85, 19.729,
147.747


 100, 19.729,
147.747


 75, 19.729,
147.747


 65, 19.729,
147.747

 55, 19.729,
147.747

 45, 19.729,
147.747

 35, 19.729,
147.747


 25, 19.729,
147.747


 15, 19.729,


147.747

 5, 19.729, 147.747


 0, 19.729, 147.747

 85, 19.729,
147.747


 85, 19.729,
147.747


 83, 32.609,
146.939

 87, 6.868, 148.464


 82, 45.310,
146.002

 89, 5.835, 328.953

 80, 57.589,
144.920

 91, 18.273,
329.498

 79, 69.163,
143.687

 92, 21.347,
325.167

 79, 79.712,

142.314

■ 78, 88.904,
140.839

■ 77, 96.415,
139.343

■ 77, 101.970,
137.944

■ 77, 103.887,
137.415

Harmonies

Complementary

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



85, 19.729, 147.747



80, 19.780, 329.657

Rectangle

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



85, 19.729, 147.747



85, 19.729, 197.747



85, 19.729, 327.747



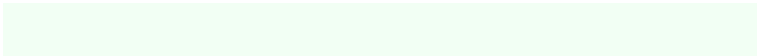
85, 19.729, 17.747

Sweetspot

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



85, 19.731, 147.747



99, 7.153, 148.490



87, 17.760, 114.228



53, 4.883, 148.438



0, 0.000, 0.000



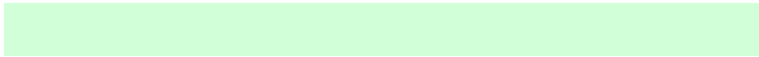
53, 0.007, 296.813

Same Dimension

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



85, 19.731, 147.747



96, 25.949, 147.536



85, 13.802, 170.111



45, 7.211, 148.179



62, 86.253, 137.637



15, 31.277, 142.773

Inverse Universe

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



80, 19.780, 329.657



89, 26.015, 329.828



79, 14.286, 352.961



43, 7.229, 329.283



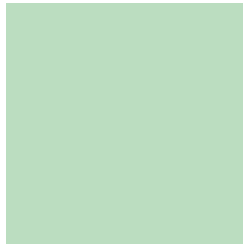
40, 77.186, 335.066



7, 31.164, 333.666

Previews

White Background



This preview shows how the CIELCh color 85, 19.729, 147.747 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, 19.729, 147.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

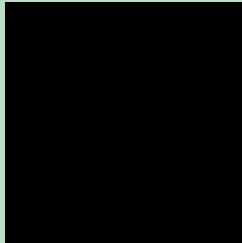
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

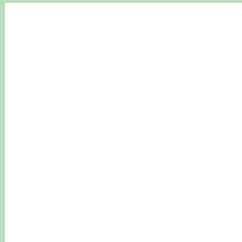
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 19.729, 147.747

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.729, 147.747.



This preview shows how white text looks on a background with the CIELCh color 85, 19.729, 147.747.

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
85, 19.729, 147.747

Protanopia
85, 13.128, 92.226

Deuteranopia
85, 13.791, 40.168



Tritanopia
85, 11.291, 251.702

Trichromacy



Original Color
85, 19.729, 147.747

Protanomaly
85, 13.797, 118.400

Deuteranomaly
85, 9.034, 87.466

Tritanomaly
85, 9.086, 198.822

Monochromacy



Original Color
85, 19.729, 147.747

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 6.878, 149.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.729, 147.747 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(187, 221, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 192)  
}
```

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(187, 221, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.729, 147.747 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(187, 221, 192) }
```

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

```
.border{ border-color:rgb(187, 221, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 192);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.729, 147.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 192) }
```

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

```
.background{ background-color: rgb(187,  
221, 192) }
```

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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