

Converting Colors

CIELCh(85, 23.719, 141.674)

Have a look what the booklet for
CIELCh(85, 23.719, 141.674)
contains.

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Color

CIELCh(85, 24.009, 142.036)

Conversions

Conversions Part 1

Format	Color
Hex	BADEB8
RGB	186, 222, 184
RGB Percent	73%, 87%, 72%
CMY	0.2713, 0.1302, 0.2792
CMYK	0.16, 0.00, 0.17, 0.13
HSL	117°, 36%, 80%
HSV	117°, 17%, 87%
XYZ	54.9049, 66.0070, 55.0905
YIQ	206.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

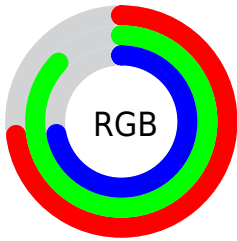
Format	Color
RYB	184, 222, 220
Decimal	12246712
CIELab	85.00, -18.93, 14.77
CIELCh	85, 24.009, 142.036
Yxy	66.0070, 0.3120, 0.3750
Android (android.graphics.Color)	4290436792 (0xFFBADEB8)
YUV	206.9040, -11.2917, -18.3328
Hunter-Lab	81.2447, -21.5485, 16.6679

Details

The CIELCh color **85, 24.009, 142.036** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **79, 24.072, 323.899**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 8.939, 140.509**, and **65, 24.204, 142.385** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.069, 141.312**, and if you desaturate by 10%, it is **87, 9.938, 142.671**.

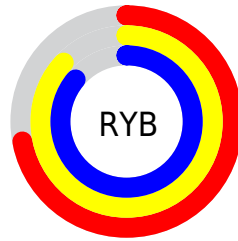
Distribution



Red (73%)

Green (87%)

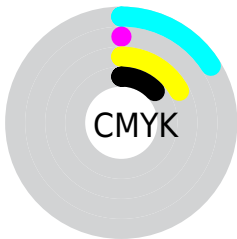
Blue (72%)



Red (72%)

Yellow (87%)

Blue (86%)

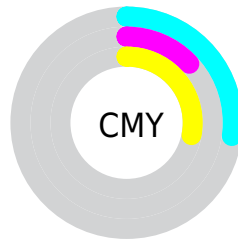


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (27%)


Magenta (13%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 24.009, 142.036 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, 24.009, 142.036 by changing the saturation by 10% instead.


 85, 24.009,
142.036

 85, 24.009,
142.036


 100, 24.009,
142.036


 75, 24.009,
142.036

 65, 24.009,
142.036

 55, 24.009,
142.036

 45, 24.009,
142.036

 35, 24.009,
142.036


 25, 24.009,
142.036

 15, 24.009,


142.036

 5, 24.009, 142.036


 0, 24.009, 142.036

 85, 24.009,
142.036


 85, 24.009,
142.036


 83, 38.069,
141.312

 87, 9.938, 142.671


 82, 51.882,
140.485

 89, 3.980, 323.104

 81, 65.141,
139.562

 91, 17.627,
323.603

 79, 77.452,
138.578

 92, 20.771,
325.147

 79, 88.322,

137.601

■ 78, 97.176,
136.746

■ 78, 103.453,
136.153

■ 77, 106.887,
135.912

■ 77, 107.544,
135.841

Harmonies

Complementary

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



85, 24.009, 142.036



79, 24.072, 323.899

Rectangle

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



85, 24.009, 142.036



85, 24.009, 192.036



85, 24.009, 322.036



85, 24.009, 12.036

Sweetspot

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



85, 24.011, 142.036



99, 7.789, 142.800



87, 18.458, 105.608



53, 5.318, 142.756



0, 0.000, 0.000



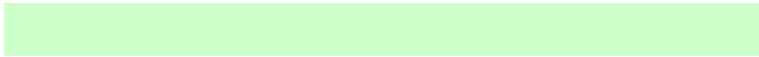
53, 0.007, 296.813

Same Dimension

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



85, 24.011, 142.036



95, 32.993, 141.756



85, 17.819, 158.831



45, 7.853, 142.531



62, 89.413, 135.781



15, 33.228, 139.240

Inverse Universe

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



79, 24.072, 323.899



87, 33.083, 324.108



79, 18.099, 341.593



43, 7.872, 323.493



40, 86.790, 326.181



7, 34.366, 326.369

Previews

White Background



This preview shows how the CIELCh color 85, 24.009, 142.036 looks on a white background.

Color Contrast Check

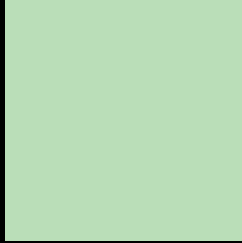
Large Text (above 18pt) WCAG AA × Fail

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, 24.009, 142.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

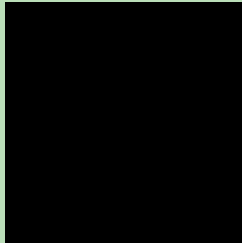
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

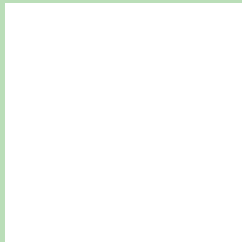
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 24.009, 142.036

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.009, 142.036.



This preview shows how white text looks on a background with the CIELCh color 85, 24.009, 142.036.

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, 24.009, 142.036

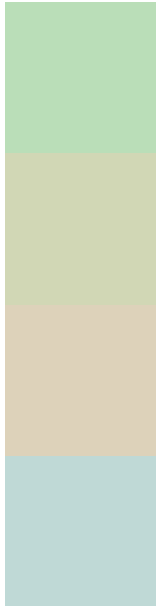
Protanopia
85, 17.380, 93.251

Deuteranopia
85, 16.924, 51.828



Tritanopia
85, 11.291, 251.702

Trichromacy



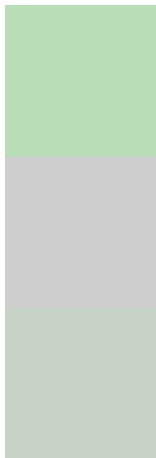
Original Color
85, 24.009, 142.036

Protanomaly
85, 17.918, 115.963

Deuteranomaly
84, 13.257, 90.629

Tritanomaly
85, 9.309, 189.008

Monochromacy



Original Color
85, 24.009, 142.036

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.374, 144.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.009, 142.036 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, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 184)  
}
```

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, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.009, 142.036 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, 222, 184) }
```

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

```
.border{ border-color:rgb(186, 222, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.009, 142.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 184) }
```

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

```
.background{ background-color: rgb(186,  
222, 184) }
```

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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