

Converting Colors

CIELCh(85, 25.163, 143.704)

Have a look what the booklet for
CIELCh(85, 25.163, 143.704)
contains.

CIELCh(85, 24.639, 144.023)	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, 24.639, 144.023)

Conversions

Conversions Part 1

Format	Color
Hex	B7DEB8
RGB	183, 222, 184
RGB Percent	72%, 87%, 72%
CMY	0.2810, 0.1281, 0.2771
CMYK	0.18, 0.00, 0.17, 0.13
HSL	122°, 37%, 80%
HSV	122°, 18%, 87%
XYZ	54.5062, 66.0070, 55.3971
YIQ	206.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

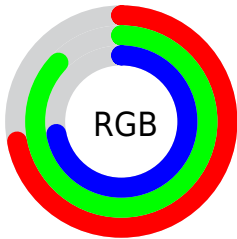
Format	Color
RYB	183, 221, 222
Decimal	12050104
CIELab	85.00, -19.94, 14.47
CIELCh	85, 24.639, 144.023
Yxy	66.0070, 0.3099, 0.3752
Android (android.graphics.Color)	4290240184 (0xFFB7DEB8)
YUV	206.0070, -10.8495, -20.1771
Hunter-Lab	81.2447, -22.4246, 16.4441

Details

The CIELCh color $85, 24.639, 144.023$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $79, 24.665, 326.093$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 9.537, 145.827$, and $65, 24.649, 143.742$ is the 20% darker color. If you saturate the color by 10%, you get $83, 38.713, 143.226$, and if you desaturate by 10%, it is $87, 10.539, 144.715$.

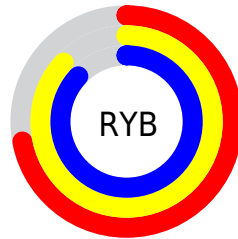
Distribution



Red (72%)

Green (87%)

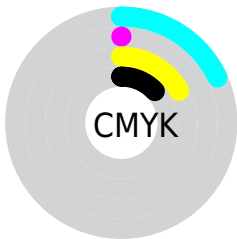
Blue (72%)



Red (72%)

Yellow (87%)

Blue (87%)

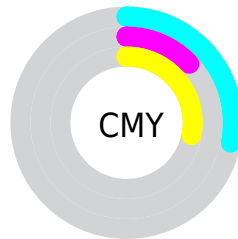


Cyan (18%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (28%)


Magenta (13%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 24.639, 144.023 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, 24.639, 144.023 by changing the saturation by 10% instead.


 85, 24.639,
144.023


 85, 24.639,
144.023


 100, 24.639,
144.023


 75, 24.639,
144.023

 65, 24.639,
144.023

 55, 24.639,
144.023

 45, 24.639,
144.023

 35, 24.639,
144.023


 25, 24.639,
144.023


 15, 24.639,


144.023


 5, 24.639, 144.023


 0, 24.639, 144.023

 85, 24.639,
144.023


 85, 24.639,
144.023


 83, 38.713,
143.226


 87, 10.539,
144.715


 82, 52.507,
142.303

 89, 3.410, 325.178

 80, 65.701,
141.256

 92, 17.079,
325.730

 79, 77.899,
140.107

 92, 20.433,
325.135

 79, 88.628,

138.913

■ 78, 97.360,
137.779

■ 78, 103.587,
136.847

■ 78, 107.043,
136.254

■ 78, 107.566,
136.181

Harmonies

Complementary

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



85, 24.639, 144.023



79, 24.665, 326.093

Rectangle

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



85, 24.639, 144.023



85, 24.639, 194.023



85, 24.639, 324.023



85, 24.639, 14.023

Sweetspot

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



85, 24.641, 144.023



99, 7.786, 144.882



88, 20.227, 109.181



53, 5.316, 144.834



0, 0.000, 0.000



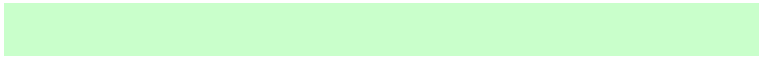
53, 0.007, 296.813

Same Dimension

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



85, 24.641, 144.023



95, 32.986, 143.749



85, 17.177, 163.033



46, 8.001, 144.589



63, 90.192, 136.236



16, 34.806, 139.901

Inverse Universe

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



79, 24.665, 326.093



87, 33.011, 326.296



78, 17.593, 346.092



44, 8.014, 325.632



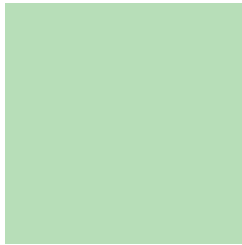
42, 85.760, 329.272



8, 35.318, 329.092

Previews

White Background



This preview shows how the CIELCh color 85, 24.639, 144.023 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, 24.639, 144.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

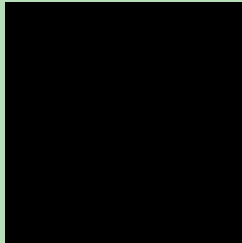
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

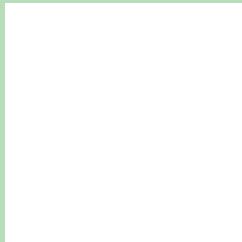
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 24.639, 144.023

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.639, 144.023.



This preview shows how white text looks on a background with the CIELCh color 85, 24.639, 144.023.

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, 24.639, 144.023

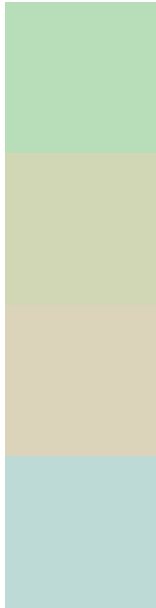
Protanopia
85, 17.380, 93.251

Deuteranopia
85, 16.625, 50.377



Tritanopia
85, 11.907, 247.904

Trichromacy



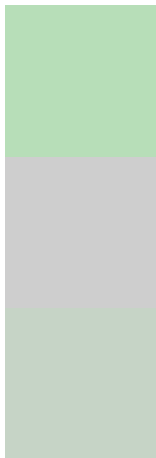
Original Color
85, 24.639, 144.023

Protanomaly
85, 17.918, 115.963

Deuteranomaly
85, 13.023, 93.841

Tritanomaly
85, 10.307, 189.889

Monochromacy



Original Color
85, 24.639, 144.023

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 9.021, 144.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.639, 144.023 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(183, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 222, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.639, 144.023 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(183, 222, 184) }
```

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

```
.border{ border-color:rgb(183, 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(183, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 222,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.639, 144.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 222, 184) }
```

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

```
.background{ background-color: rgb(183,  
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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