

Converting Colors

CIELCh(85, 23.322, 141.048)

Have a look what the booklet for
CIELCh(85, 23.322, 141.048)
contains.

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Color

CIELCh(85, 23.179, 141.314)

Conversions

Conversions Part 1

Format	Color
Hex	BBDD8
RGB	187, 221, 184
RGB Percent	73%, 87%, 72%
CMY	0.2652, 0.1318, 0.2770
CMYK	0.15, 0.00, 0.17, 0.13
HSL	115°, 36%, 80%
HSV	115°, 17%, 87%
XYZ	55.2361, 66.0070, 55.3829
YIQ	206.6160, -8.3870, -18.7150

Conversions

Conversions Part 2

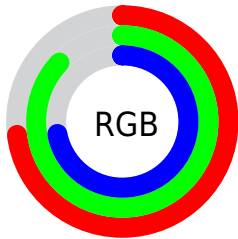
Format	Color
RYB	184, 221, 218
Decimal	12311992
CIELab	85.00, -18.09, 14.49
CIELCh	85, 23.179, 141.314
Yxy	66.0070, 0.3127, 0.3737
Android (android.graphics.Color)	4290502072 (0xFFBBDDDB8)
YUV	206.6160, -11.1497, -17.2032
Hunter-Lab	81.2447, -20.8210, 16.4545

Details

The CIELCh color $85, 23.179, 141.314$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $79, 23.262, 323.064$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 8.758, 138.572$, and $65, 23.332, 141.675$ is the 20% darker color. If you saturate the color by 10%, you get $83, 37.096, 140.625$, and if you desaturate by 10%, it is $87, 9.264, 141.922$.

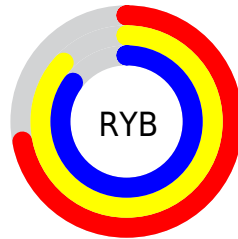
Distribution



Red (73%)

Green (87%)

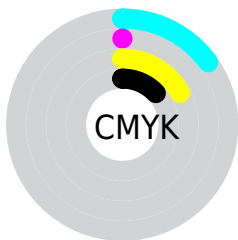
Blue (72%)



Red (72%)

Yellow (87%)

Blue (85%)

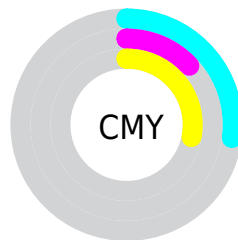


Cyan (15%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (27%)


Magenta (13%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.179, 141.314 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, 23.179, 141.314 by changing the saturation by 10% instead.


 85, 23.179,
141.314


 85, 23.179,
141.314


 100, 23.179,
141.314


 75, 23.179,
141.314

 65, 23.179,
141.314

 55, 23.179,
141.314

 45, 23.179,
141.314

 35, 23.179,
141.314


 25, 23.179,
141.314


 15, 23.179,


141.314

 5, 23.179, 141.314


 0, 23.179, 141.314

 85, 23.179,
141.314


 85, 23.179,
141.314


 83, 37.096,
140.625


 87, 9.264, 141.922


 82, 50.792,
139.843

 89, 4.499, 322.342

 81, 63.978,
138.977

 91, 17.998,
322.814

 80, 76.278,
138.060

 92, 21.033,
325.156

 79, 87.215,

137.163

■ 78, 96.219,
136.397

■ 78, 102.720,
135.899

■ 77, 106.406,
135.760

■ 77, 107.212,
135.719

Harmonies

Complementary

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



85, 23.179, 141.314



79, 23.262, 323.064

Rectangle

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



85, 23.179, 141.314



85, 23.179, 191.314



85, 23.179, 321.314



85, 23.179, 11.314

Sweetspot

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



85, 23.181, 141.315



99, 7.718, 142.022



87, 17.692, 104.859



53, 5.269, 141.980



0, 0.000, 0.000



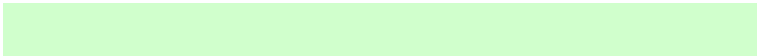
53, 0.007, 296.813

Same Dimension

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



85, 23.181, 141.315



96, 31.127, 141.088



85, 17.586, 158.080



45, 7.781, 141.763



62, 89.241, 135.641



15, 32.969, 138.698

Inverse Universe

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



79, 23.262, 323.064



87, 31.248, 323.237



79, 17.833, 340.726



43, 7.804, 322.691



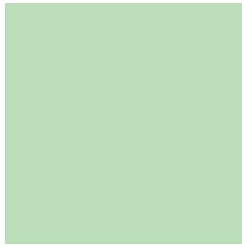
39, 86.980, 325.088



6, 34.238, 325.376

Previews

White Background



This preview shows how the CIELCh color 85, 23.179, 141.314 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, 23.179, 141.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

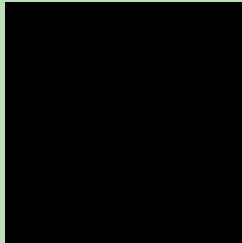
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

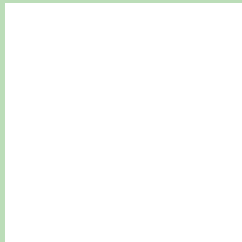
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 23.179, 141.314

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.179, 141.314.

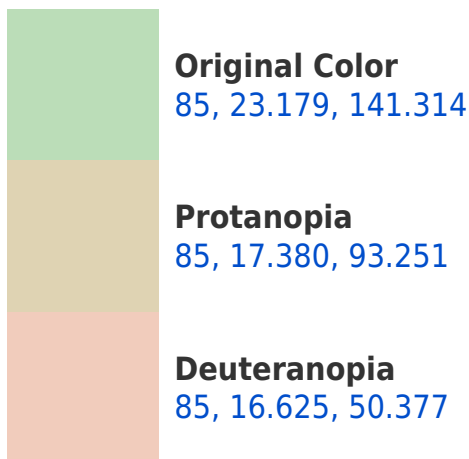


This preview shows how white text looks on a background with the CIELCh color 85, 23.179, 141.314.

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](#).

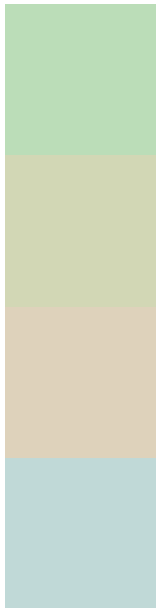
Dichromacy





Tritanopia
85, 11.093, 253.063

Trichromacy



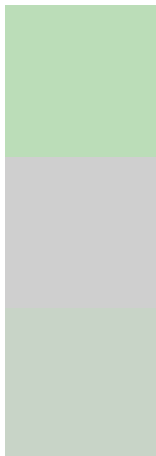
Original Color
85, 23.179, 141.314

Protanomaly
85, 17.869, 114.761

Deuteranomaly
85, 12.890, 88.346

Tritanomaly
85, 8.867, 192.000

Monochromacy



Original Color
85, 23.179, 141.314

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.167, 142.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.179, 141.314 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 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(187, 221, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.179, 141.314 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, 184) }
```

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

```
.border{ border-color:rgb(187, 221, 184) }
```

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, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 184);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.179, 141.314 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, 184) }
```

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

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