

Converting Colors

CIELCh(85, 14.745, 243.748)

Have a look what the booklet for
CIELCh(85, 14.745, 243.748)
contains.

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Color

CIELCh(85, 14.938, 243.874)

Conversions

Conversions Part 1

Format	Color
Hex	B8D9ED
RGB	184, 217, 237
RGB Percent	72%, 85%, 93%
CMY	0.2780, 0.1486, 0.0701
CMYK	0.22, 0.08, 0.00, 0.07
HSL	203°, 60%, 83%
HSV	203°, 22%, 93%
XYZ	59.9366, 66.0070, 89.7882
YIQ	209.4130, -26.0880, -0.7760

Conversions

Conversions Part 2

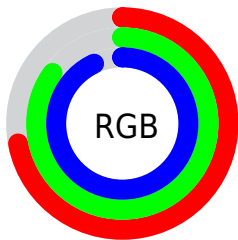
Format	Color
RYB	184, 204, 237
Decimal	12114413
CIELab	85.00, -6.58, -13.41
CIELCh	85, 14.938, 243.874
Yxy	66.0070, 0.2778, 0.3060
Android (android.graphics.Color)	4290304493 (0xFFB8D9ED)
YUV	209.4130, 13.6004, -22.2872
Hunter-Lab	81.2447, -10.4935, -8.6535

Details

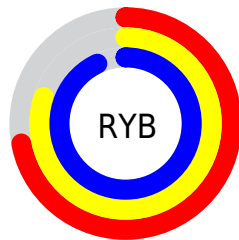
The CIELCh color `85, 14.938, 243.874` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `84, 16.616, 59.007`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.823, 199.237`, and `65, 14.924, 244.081` is the 20% darker color. If you saturate the color by 10%, you get `81, 21.177, 245.531`, and if you desaturate by 10%, it is `89, 8.401, 242.534`.

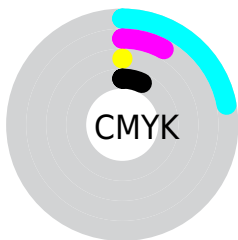
Distribution



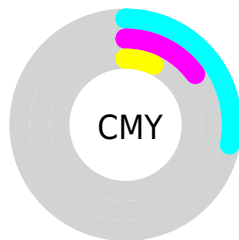
- Red (72%)
- Green (85%)
- Blue (93%)



- Red (72%)
- Yellow (80%)
- Blue (93%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)





- Cyan (28%)
- Magenta (15%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.938, 243.874 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, 14.938, 243.874 by changing the saturation by 10% instead.


 85, 14.938,
243.874


 85, 14.938,
243.874


 100, 14.938,
243.874


 75, 14.938,
243.874

 65, 14.938,
243.874

 55, 14.938,
243.874

 45, 14.938,
243.874

 35, 14.938,
243.874

 25, 14.938,
243.874

 15, 14.938,

243.874

■ 5, 14.938, 243.874

■ 0, 14.938, 243.874

■ 85, 14.938,
243.874

■ 85, 14.938,
243.874

■ 81, 21.177,
245.531

■ 89, 8.401, 242.534

■ 77, 27.061,
247.585

■ 93, 1.628, 241.681

■ 97, 5.259, 60.979

■ 74, 32.541,
250.108

■ 99, 8.032, 104.188

■ 70, 37.594,
253.182

■ 100, 9.054,
109.491

■ 67, 42.242,

256.871

■ 64, 46.567,
261.190

■ 61, 50.719,
266.068

■ 59, 53.930,
269.973

Harmonies

Complementary

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



85, 14.938, 243.874



84, 16.616, 59.007

Rectangle

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



85, 14.938, 243.874



85, 14.938, 293.874



85, 14.938, 63.874



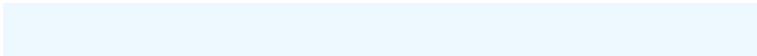
85, 14.938, 113.874

Sweetspot

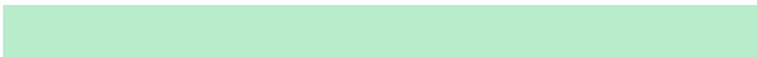
The Sweet Spot groups the original color and five complimentary colors.



85, 14.937, 243.868



97, 5.093, 241.961



89, 25.813, 155.307



51, 3.306, 242.019



0, 0.000, 0.000



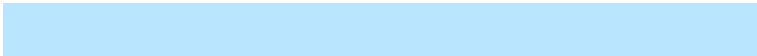
53, 0.007, 296.813

Same Dimension

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



85, 14.937, 243.868



89, 18.959, 244.614



78, 24.655, 286.978



47, 3.848, 242.208



46, 43.498, 269.011



12, 16.809, 260.055

Inverse Universe

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



80, 25.979, 339.322



83, 33.328, 339.740



91, 23.782, 101.678



46, 6.487, 338.256



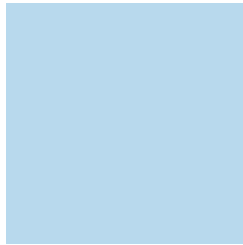
40, 68.318, 350.926



8, 30.158, 346.516

Previews

White Background



This preview shows how the CIELCh color 85, 14.938, 243.874 looks on a white background.

Color Contrast Check

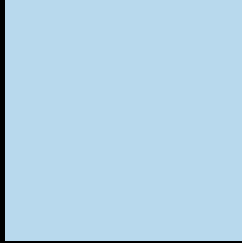
Large Text (above 18pt) WCAG AA × Fail

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, 14.938, 243.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

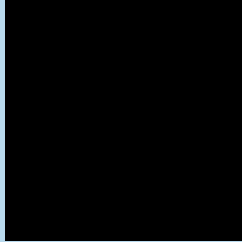
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

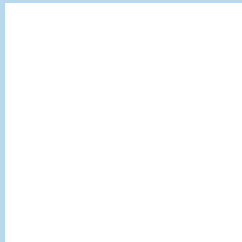
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 14.938, 243.874

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.938, 243.874.



This preview shows how white text looks on a background with the CIELCh color 85, 14.938, 243.874.

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](#).

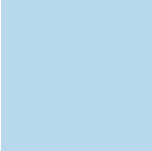
Dichromacy



Original Color
85, 14.938, 243.874

Protanopia
85, 12.116, 289.578

Deuteranopia
85, 18.133, 307.070



Tritanopia
85, 14.284, 240.578

Trichromacy



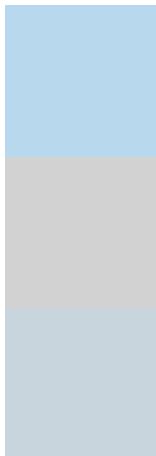
Original Color
85, 14.938, 243.874

Protanomaly
85, 11.805, 269.055

Deuteranomaly
85, 14.765, 287.459

Tritanomaly
85, 14.605, 242.262

Monochromacy



Original Color
85, 14.938, 243.874

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 5.545, 241.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.938, 243.874 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(184, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 237)  
}
```

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(184, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.938, 243.874 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(184, 217, 237) }
```

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

```
.border{ border-color:rgb(184, 217, 237) }
```

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

Here you see how a box with a 4 pixel rgb(184, 217, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.938, 243.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 237) }
```

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

```
.background{ background-color: rgb(184,  
217, 237) }
```

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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