

Converting Colors

CIELCh(85, 14.606, 225.566)

Have a look what the booklet for
CIELCh(85, 14.606, 225.566)
contains.

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Color

CIELCh(85, 14.587, 224.380)

Conversions

Conversions Part 1

Format	Color
Hex	B3DBE7
RGB	179, 219, 231
RGB Percent	70%, 86%, 91%
CMY	0.2981, 0.1412, 0.0942
CMYK	0.23, 0.05, 0.00, 0.09
HSL	194°, 52%, 80%
HSV	194°, 23%, 91%
XYZ	58.3375, 66.0070, 85.2572
YIQ	208.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

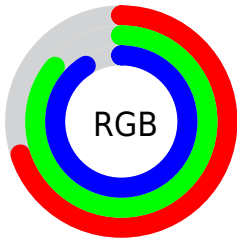
Format	Color
RYB	179, 202, 231
Decimal	11787239
CIELab	85.00, -10.43, -10.20
CIELCh	85, 14.587, 224.380
Yxy	66.0070, 0.2783, 0.3149
Android (android.graphics.Color)	4289977319 (0xFFB3DBE7)
YUV	208.4080, 11.1379, -25.7908
Hunter-Lab	81.2447, -14.0069, -5.3469

Details

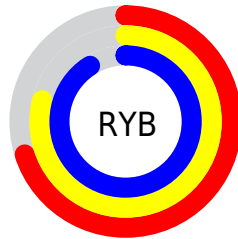
The CIELCh color **85, 14.587, 224.380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 16.894, 42.436**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **65, 14.557, 223.391** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.361, 225.256**, and if you desaturate by 10%, it is **88, 8.340, 223.742**.

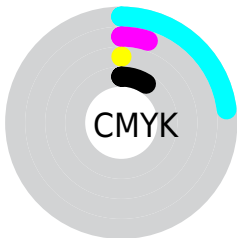
Distribution



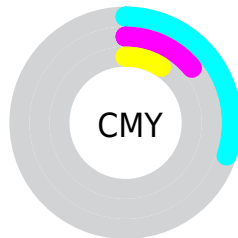
- Red (70%)
- Green (86%)
- Blue (91%)



- Red (70%)
- Yellow (79%)
- Blue (91%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)





- Cyan (30%)
- Magenta (14%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.587, 224.380 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, 14.587, 224.380 by changing the saturation by 10% instead.


 85, 14.587,
224.380


 85, 14.587,
224.380


 100, 14.587,
224.380


 75, 14.587,
224.380

 65, 14.587,
224.380

 55, 14.587,
224.380

 45, 14.587,
224.380

 35, 14.587,
224.380

 25, 14.587,
224.380

 15, 14.587,

224.380

■ 5, 14.587, 224.380

■ 0, 14.587, 224.380

■ 85, 14.587,
224.380

■ 85, 14.587,
224.380

■ 82, 20.361,
225.256

■ 88, 8.340, 223.742

■ 80, 25.563,
226.439

■ 91, 1.716, 223.537

■ 94, 5.203, 42.737

■ 77, 30.100,
227.993

■ 96, 7.126, 61.452

■ 75, 33.895,
230.003

■ 97, 8.178, 85.092

■ 98, 10.235,
101.199

■ 73, 36.913,

232.563

99, 12.153,
109.259

71, 39.179,
235.757

69, 40.802,
239.637

68, 41.769,
242.898

Harmonies

Complementary

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



85, 14.587, 224.380



80, 16.894, 42.436

Rectangle

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



85, 14.587, 224.380



85, 14.587, 274.380



85, 14.587, 44.380



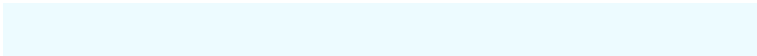
85, 14.587, 94.380

Sweetspot

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



85, 14.587, 224.373



98, 5.125, 223.513



87, 28.493, 149.484



52, 3.325, 223.532



0, 0.000, 0.000



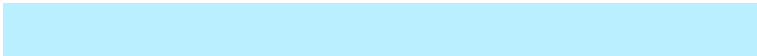
53, 0.007, 296.813

Same Dimension

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



85, 14.587, 224.373



91, 18.674, 224.749



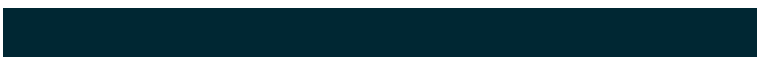
78, 20.393, 278.116



47, 3.796, 223.600



53, 34.323, 242.075



14, 14.073, 234.408

Inverse Universe

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



79, 28.351, 333.099



83, 36.848, 333.426



87, 20.236, 92.119



45, 7.073, 332.202



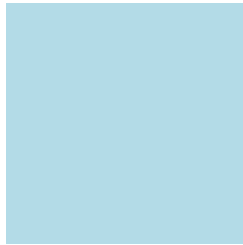
40, 74.072, 340.050



8, 31.883, 337.835

Previews

White Background



This preview shows how the CIE LCh color 85, 14.587, 224.380 looks on a white background.

Color Contrast Check

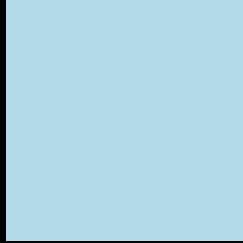
Large Text (above 18pt) WCAG AA × Fail

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, 14.587, 224.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

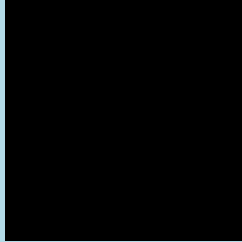
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 14.587, 224.380

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.587, 224.380.



This preview shows how white text looks on a background with the CIELCh color 85, 14.587, 224.380.

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, 15.479, 236.647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.587, 224.380 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(179, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 231)  
}
```

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(179, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.587, 224.380 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(179, 219, 231) }
```

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

```
.border{ border-color:rgb(179, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.587, 224.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 231) }
```

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

```
.background{ background-color: rgb(179,  
219, 231) }
```

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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