

Converting Colors

CIELCh(85, 14.596, 218.939)

Have a look what the booklet for
CIELCh(85, 14.596, 218.939)
contains.

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Color

CIELCh(85, 14.545, 219.878)

Conversions

Conversions Part 1

Format	Color
Hex	B2DBE5
RGB	178, 219, 229
RGB Percent	70%, 86%, 90%
CMY	0.3007, 0.1399, 0.1007
CMYK	0.22, 0.04, 0.00, 0.10
HSL	192°, 50%, 80%
HSV	192°, 22%, 90%
XYZ	58.0347, 66.0070, 84.0464
YIQ	207.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

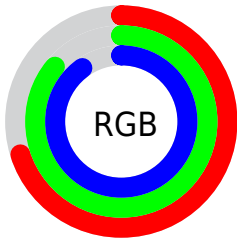
Format	Color
RYB	178, 201, 229
Decimal	11721701
CIELab	85.00, -11.16, -9.33
CIELCh	85, 14.545, 219.878
Yxy	66.0070, 0.2789, 0.3172
Android (android.graphics.Color)	4289911781 (0xFFB2DBE5)
YUV	207.8810, 10.4117, -26.2056
Hunter-Lab	81.2447, -14.6722, -4.4633

Details

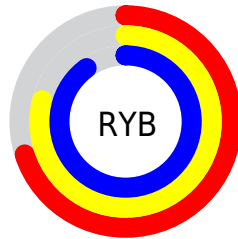
The CIELCh color **85, 14.545, 219.878** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 16.890, 38.751**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **65, 14.681, 220.751** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.344, 220.521**, and if you desaturate by 10%, it is **88, 8.247, 219.442**.

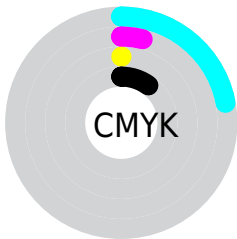
Distribution



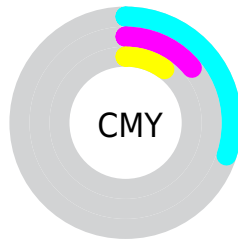
- Red (70%)
- Green (86%)
- Blue (90%)



- Red (70%)
- Yellow (79%)
- Blue (90%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)





- Cyan (30%)
- Magenta (14%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.545, 219.878 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, 14.545, 219.878 by changing the saturation by 10% instead.


 85, 14.545,
219.878


 85, 14.545,
219.878


 100, 14.545,
219.878


 75, 14.545,
219.878

 65, 14.545,
219.878

 55, 14.545,
219.878

 45, 14.545,
219.878

 35, 14.545,
219.878

 25, 14.545,
219.878

 15, 14.545,

219.878

■ 5, 14.545, 219.878

■ 0, 14.545, 219.878

■ 85, 14.545,
219.878

■ 85, 14.545,
219.878

■ 82, 20.344,
220.521

■ 88, 8.247, 219.442

■ 80, 25.538,
221.431

■ 90, 1.550, 219.455

■ 93, 5.456, 38.774

■ 78, 30.024,
222.663

■ 95, 7.604, 52.126

■ 76, 33.718,
224.292

■ 96, 7.956, 72.609

■ 97, 9.185, 89.378

■ 74, 36.569,

226.401

98, 10.994,
101.358

72, 38.589,
229.073

99, 12.994,
109.195

71, 39.868,
232.371

70, 40.524,
235.296

Harmonies

Complementary

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



85, 14.545, 219.878



80, 16.890, 38.751

Rectangle

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



85, 14.545, 219.878



85, 14.545, 269.878



85, 14.545, 39.878



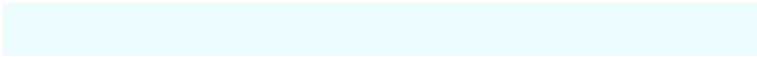
85, 14.545, 89.878

Sweetspot

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



85, 14.545, 219.871



98, 5.208, 219.320



87, 28.681, 148.376



52, 3.379, 219.328



0, 0.000, 0.000



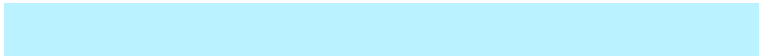
53, 0.007, 296.813

Same Dimension

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



85, 14.545, 219.871



92, 18.923, 220.161



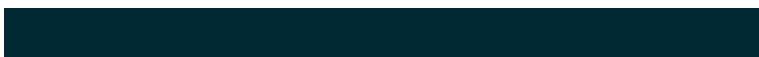
78, 19.252, 275.652



47, 3.856, 219.364



55, 33.549, 234.595



15, 13.980, 228.008

Inverse Universe

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



78, 28.531, 331.794



83, 37.745, 332.124



86, 19.262, 89.612



45, 7.250, 330.950



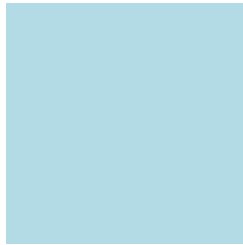
40, 75.973, 337.887



8, 32.607, 336.123

Previews

White Background



This preview shows how the CIE LCh color 85, 14.545, 219.878 looks on a white background.

Color Contrast Check

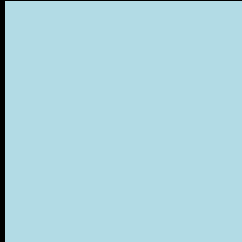
Large Text (above 18pt) WCAG AA × Fail

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, 14.545, 219.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

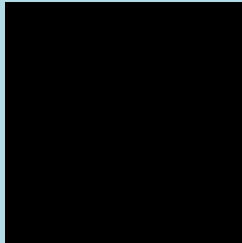
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 14.545, 219.878

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.545, 219.878.

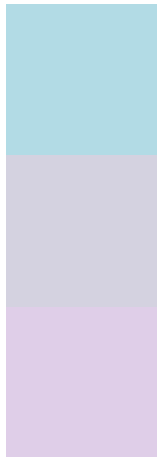


This preview shows how white text looks on a background with the CIELCh color 85, 14.545, 219.878.

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](#).

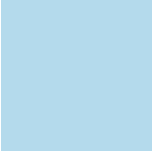
Dichromacy



Original Color
85, 14.545, 219.878

Protanopia
85, 7.423, 296.267

Deuteranopia
85, 15.018, 314.712



Tritanopia
85, 15.479, 236.647

Trichromacy



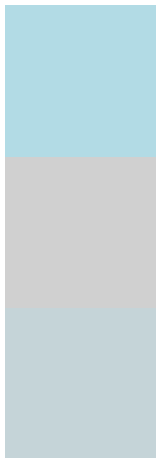
Original Color
85, 14.545, 219.878

Protanomaly
85, 8.110, 256.996

Deuteranomaly
85, 10.596, 283.574

Tritanomaly
85, 15.197, 232.502

Monochromacy



Original Color
85, 14.545, 219.878

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 5.654, 221.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.545, 219.878 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(178, 219, 229)` looks like.

```
.text, #text, p{  
    color:rgb(178, 219, 229)  
}
```

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(178, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 219, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.545, 219.878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

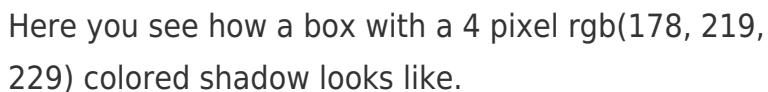
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 219, 229) }
```

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

```
.border{ border-color:rgb(178, 219, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 219, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 219, 229); box-shadow:4px 4px 4px 4px rgb(178, 219, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.545, 219.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 219, 229) }
```

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

```
.background{ background-color: rgb(178,  
219, 229) }
```

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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