

Converting Colors

CIELCh(85, 16.592, 222.434)

Have a look what the booklet for
CIELCh(85, 16.592, 222.434)
contains.

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Color

CIELCh(85, 16.710, 222.769)

Conversions

Conversions Part 1

Format	Color
Hex	ADDCE9
RGB	173, 220, 233
RGB Percent	68%, 86%, 91%
CMY	0.3213, 0.1369, 0.0860
CMYK	0.26, 0.06, 0.00, 0.09
HSL	193°, 58%, 80%
HSV	193°, 26%, 91%
XYZ	57.5824, 66.0070, 86.8550
YIQ	207.4290, -32.1850, -5.9210

Conversions

Conversions Part 2

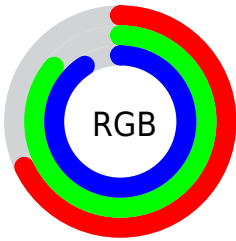
Format	Color
RYB	173, 199, 233
Decimal	11394281
CIELab	85.00, -12.27, -11.35
CIELCh	85, 16.710, 222.769
Yxy	66.0070, 0.2736, 0.3137
Android (android.graphics.Color)	4289584361 (0xFFADDCE9)
YUV	207.4290, 12.6065, -30.1942
Hunter-Lab	81.2447, -15.6658, -6.5129

Details

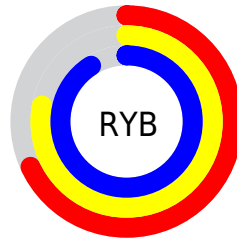
The CIELCh color $85, 16.710, 222.769$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $79, 19.869, 40.907$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 8.853, 198.921$, and $65, 16.676, 221.978$ is the 20% darker color. If you saturate the color by 10%, you get $82, 22.357, 223.641$, and if you desaturate by 10%, it is $88, 10.539, 222.136$.

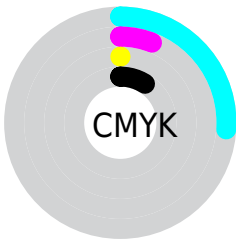
Distribution



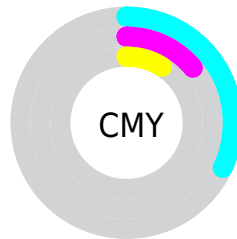
- Red (68%)
- Green (86%)
- Blue (91%)



- Red (68%)
- Yellow (78%)
- Blue (91%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)





- Cyan (32%)
- Magenta (14%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 16.710, 222.769 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, 16.710, 222.769 by changing the saturation by 10% instead.


 85, 16.710,
222.769


 85, 16.710,
222.769


 100, 16.710,
222.769


 75, 16.710,
222.769

 65, 16.710,
222.769

 55, 16.710,
222.769

 45, 16.710,
222.769

 35, 16.710,
222.769

 25, 16.710,
222.769

 15, 16.710,

222.769

■ 5, 16.710, 222.769

■ 0, 16.710, 222.769

■ 85, 16.710,
222.769

■ 85, 16.710,
222.769

■ 82, 22.357,
223.641

■ 88, 10.539,
222.136

■ 80, 27.379,
224.825

■ 91, 3.945, 221.770

■ 94, 2.980, 41.098

■ 78, 31.678,
226.387

■ 96, 6.448, 54.326

■ 75, 35.187,
228.413

■ 97, 7.130, 80.354

■ 73, 37.881,

■ 98, 8.928, 98.728

230.993

99, 11.095,
109.338

72, 39.805,
234.207

70, 41.093,
238.093

69, 41.558,
239.869

Harmonies

Complementary

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



85, 16.710, 222.769



79, 19.869, 40.907

Rectangle

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



85, 16.710, 222.769



85, 16.710, 272.769



85, 16.710, 42.769



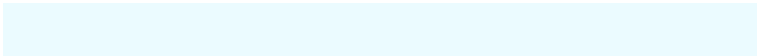
85, 16.710, 92.769

Sweetspot

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



85, 16.710, 222.763



97, 5.878, 221.819



87, 33.228, 148.627



52, 4.162, 221.867



0, 0.000, 0.000



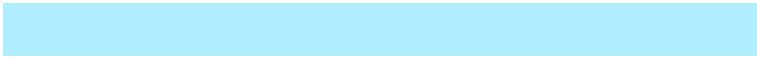
53, 0.007, 296.813

Same Dimension

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



85, 16.710, 222.763



91, 21.232, 223.204



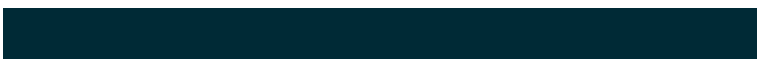
77, 23.108, 277.494



48, 3.887, 221.864



55, 34.308, 239.109



15, 14.462, 232.222

Inverse Universe

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



78, 32.989, 332.792



81, 42.676, 333.171



87, 23.008, 90.446



46, 7.275, 331.687



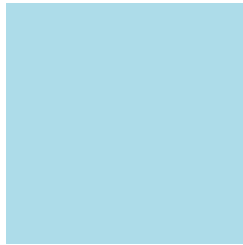
41, 75.609, 339.167



8, 33.146, 337.239

Previews

White Background



This preview shows how the CIELCh color 85, 16.710, 222.769 looks on a white background.

Color Contrast Check

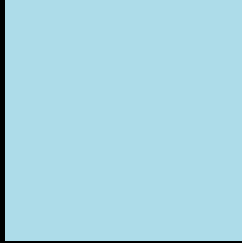
Large Text (above 18pt) WCAG AA × Fail

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, 16.710, 222.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

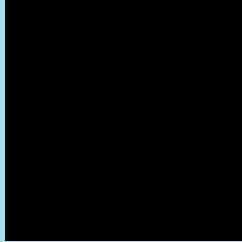
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 16.710, 222.769

Background



This preview shows how black text looks on a background with the CIELCh color 85, 16.710, 222.769.

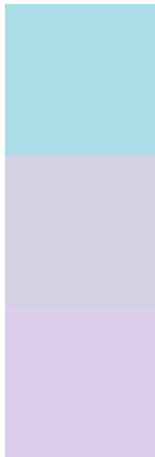


This preview shows how white text looks on a background with the CIELCh color 85, 16.710, 222.769.

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, 16.710, 222.769

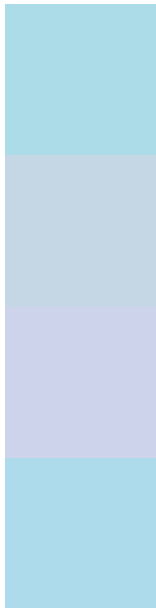
Protanopia
85, 8.971, 293.183

Deuteranopia
85, 16.728, 309.642



Tritanopia
85, 17.213, 232.156

Trichromacy



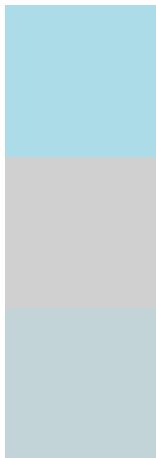
Original Color
85, 16.710, 222.769

Protanomaly
85, 9.701, 253.846

Deuteranomaly
85, 12.812, 280.490

Tritanomaly
85, 16.976, 230.548

Monochromacy



Original Color
85, 16.710, 222.769

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 6.473, 223.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 16.710, 222.769 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(173, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 233)  
}
```

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(173, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 16.710, 222.769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

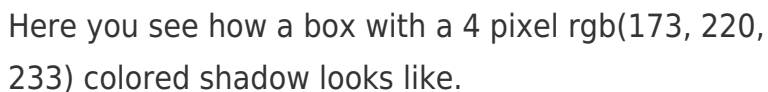
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 220, 233) }
```

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

```
.border{ border-color:rgb(173, 220, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 220, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 220, 233); box-shadow:4px 4px 4px 4px rgb(173, 220, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 16.710, 222.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 233) }
```

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

```
.background{ background-color: rgb(173,  
220, 233) }
```

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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