

Converting Colors

CIELCh(85, 13.888, 210.867)

Have a look what the booklet for
CIELCh(85, 13.888, 210.867)
contains.

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Color

CIELCh(85, 14.038, 209.359)

Conversions

Conversions Part 1

Format	Color
Hex	B3DCE1
RGB	179, 220, 225
RGB Percent	70%, 86%, 88%
CMY	0.2991, 0.1384, 0.1188
CMYK	0.20, 0.02, 0.00, 0.12
HSL	187°, 43%, 79%
HSV	187°, 20%, 88%
XYZ	57.5954, 66.0070, 80.7334
YIQ	208.3110, -26.0410, -7.1370

Conversions

Conversions Part 2

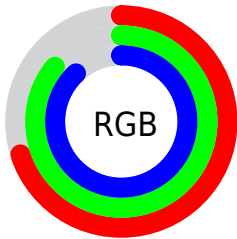
Format	Color
R _Y B	179, 201, 225
Decimal	11787489
CIE Lab	85.00, -12.24, -6.88
CIE LCh	85, 14.038, 209.359
Yxy	66.0070, 0.2819, 0.3230
Android (android.graphics.Color)	4289977569 (0xFFB3DCE1)
YUV	208.3110, 8.2277, -25.7057
Hunter-Lab	81.2447, -15.6374, -2.0456

Details

The CIELCh color `85, 14.038, 209.359` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `78, 16.149, 30.064`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.851, 199.068`, and `65, 14.165, 209.659` is the 20% darker color. If you saturate the color by 10%, you get `83, 20.146, 209.425`, and if you desaturate by 10%, it is `87, 7.398, 209.425`.

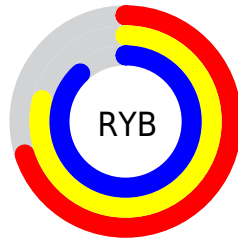
Distribution



Red (70%)

Green (86%)

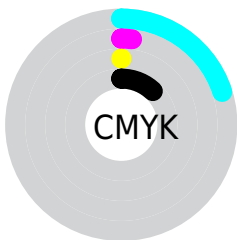
Blue (88%)



Red (70%)

Yellow (79%)

Blue (88%)

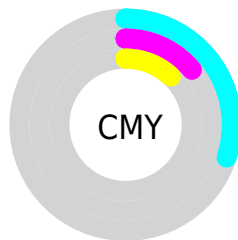


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (12%)



Cyan (30%)


Magenta (14%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.038, 209.359 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, 14.038, 209.359 by changing the saturation by 10% instead.


 85, 14.038,
209.359


 85, 14.038,
209.359


 100, 14.038,
209.359


 75, 14.038,
209.359

 65, 14.038,
209.359

 55, 14.038,
209.359

 45, 14.038,
209.359

 35, 14.038,
209.359

 25, 14.038,
209.359

 15, 14.038,

209.359

■ 5, 14.038, 209.359

■ 0, 14.038, 209.359

■ 85, 14.038,
209.359

■ 85, 14.038,
209.359

■ 83, 20.146,
209.425

■ 87, 7.398, 209.425

■ 81, 25.603,
209.653

■ 89, 0.338, 211.265

■ 92, 7.042, 29.586

■ 80, 30.293,
210.069

■ 93, 9.653, 34.625

■ 78, 34.116,
210.710

■ 94, 9.218, 43.476

■ 94, 9.023, 52.940

■ 77, 37.002,

211.618

95, 9.084, 62.533

76, 38.933,
212.839

95, 9.393, 71.726

75, 39.957,
214.414

96, 9.928, 80.113

74, 40.281,
216.225

Harmonies

Complementary

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



85, 14.038, 209.359



78, 16.149, 30.064

Rectangle

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



85, 14.038, 209.359



85, 14.038, 259.359



85, 14.038, 29.359



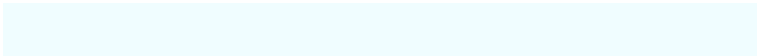
85, 14.038, 79.359

Sweetspot

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



85, 14.038, 209.352



98, 4.754, 209.530



85, 27.550, 145.907



52, 3.148, 209.508



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, 14.038, 209.352



94, 18.692, 209.368



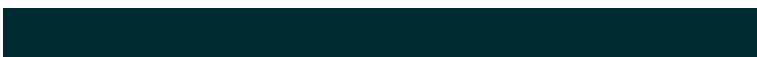
79, 15.817, 268.440



46, 4.020, 209.443



59, 33.591, 215.865



15, 13.985, 212.328

Inverse Universe

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



78, 27.432, 328.726



85, 37.134, 329.009



84, 16.174, 82.758



44, 7.568, 328.060



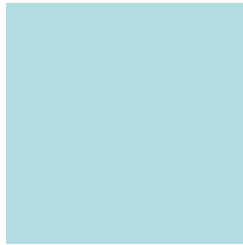
41, 80.369, 333.071



7, 33.391, 332.190

Previews

White Background



This preview shows how the CIE LCh color 85, 14.038, 209.359 looks on a white background.

Color Contrast Check

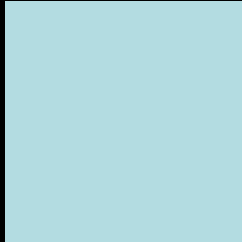
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 14.038, 209.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

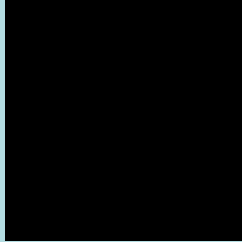
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 14.038, 209.359

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.038, 209.359.



This preview shows how white text looks on a background with the CIELCh color 85, 14.038, 209.359.

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](#).

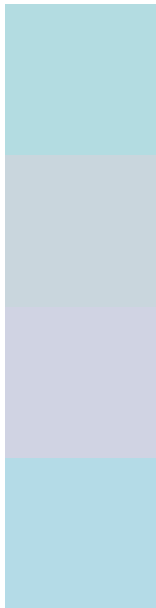
Dichromacy





Tritanopia
85, 14.952, 235.661

Trichromacy



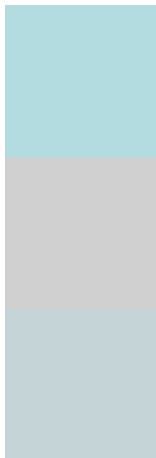
Original Color
85, 14.038, 209.359

Protanomaly
85, 5.803, 238.711

Deuteranomaly
85, 8.473, 283.800

Tritanomaly
85, 14.306, 224.941

Monochromacy



Original Color
85, 14.038, 209.359

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 5.394, 210.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.038, 209.359 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, 220, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 220, 225)  
}
```

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, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 220, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.038, 209.359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

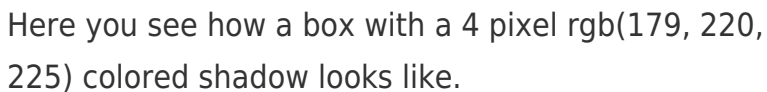
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 220, 225) }
```

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

```
.border{ border-color:rgb(179, 220, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 220, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 220, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 220, 225); box-shadow:4px 4px 4px 4px rgb(179, 220, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.038, 209.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 220, 225) }
```

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

```
.background{ background-color: rgb(179,  
220, 225) }
```

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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