

Converting Colors

CIELCh(85, 16.461, 217.586)

Have a look what the booklet for
CIELCh(85, 16.461, 217.586)
contains.

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Color

CIELCh(85, 16.410, 219.214)

Conversions

Conversions Part 1

Format	Color
Hex	ADDCE7
RGB	173, 220, 231
RGB Percent	68%, 86%, 91%
CMY	0.3206, 0.1363, 0.0932
CMYK	0.25, 0.05, 0.00, 0.09
HSL	191°, 55%, 79%
HSV	191°, 25%, 91%
XYZ	57.3999, 66.0070, 85.4965
YIQ	207.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

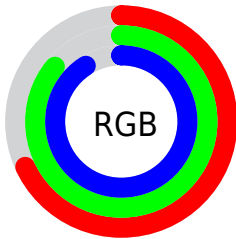
Format	Color
RYB	173, 199, 231
Decimal	11394279
CIELab	85.00, -12.71, -10.37
CIELCh	85, 16.410, 219.214
Yxy	66.0070, 0.2748, 0.3160
Android (android.graphics.Color)	4289584359 (0xFFADDCE7)
YUV	207.2010, 11.7329, -29.9943
Hunter-Lab	81.2447, -16.0669, -5.5216

Details

The CIELCh color **85, 16.410, 219.214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 19.485, 38.112**, 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, 16.397, 218.156** is the 20% darker color. If you saturate the color by 10%, you get **83, 22.097, 219.884**, and if you desaturate by 10%, it is **88, 10.184, 218.755**.

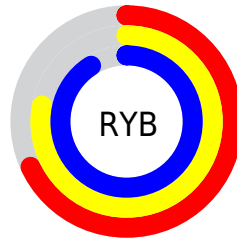
Distribution



Red (68%)

Green (86%)

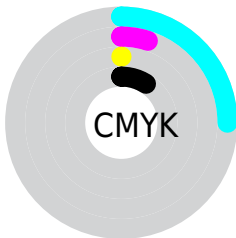
Blue (91%)



Red (68%)

Yellow (78%)

Blue (91%)

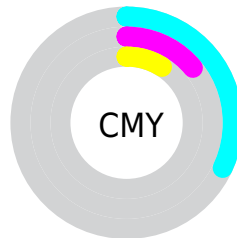


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (9%)



Cyan (32%)


Magenta (14%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 16.410, 219.214 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, 16.410, 219.214 by changing the saturation by 10% instead.


 85, 16.410,
219.214


 85, 16.410,
219.214


 100, 16.410,
219.214


 75, 16.410,
219.214

 65, 16.410,
219.214

 55, 16.410,
219.214

 45, 16.410,
219.214

 35, 16.410,
219.214

 25, 16.410,
219.214

 15, 16.410,

219.214

■ 5, 16.410, 219.214

■ 0, 16.410, 219.214

■ 85, 16.410,
219.214

■ 85, 16.410,
219.214

■ 83, 22.097,
219.884

■ 88, 10.184,
218.755

■ 80, 27.136,
220.828

■ 90, 3.524, 218.557

■ 93, 3.475, 38.025

■ 78, 31.427,
222.105

■ 95, 7.063, 47.911

■ 76, 34.890,
223.790

■ 96, 7.240, 69.797

■ 74, 37.489,

■ 97, 8.354, 88.094

225.966

98, 10.093,
101.037

73, 39.253,
228.712

99, 12.023,
109.269

71, 40.296,
232.080

71, 40.666,
233.894

Harmonies

Complementary

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



85, 16.410, 219.214



79, 19.485, 38.112

Rectangle

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



85, 16.410, 219.214



85, 16.410, 269.214



85, 16.410, 39.214



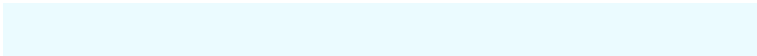
85, 16.410, 89.214

Sweetspot

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



85, 16.410, 219.208



98, 5.958, 218.572



87, 32.568, 148.130



52, 4.218, 218.599



0, 0.000, 0.000



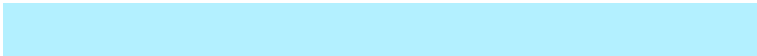
53, 0.007, 296.813

Same Dimension

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



85, 16.410, 219.208



91, 20.858, 219.521



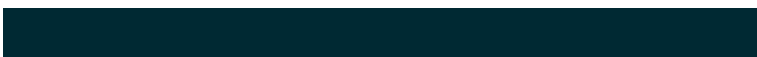
77, 21.915, 276.148



47, 3.870, 218.596



55, 33.466, 233.195



15, 13.981, 226.829

Inverse Universe

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



77, 32.545, 331.753



82, 42.092, 332.093



86, 21.929, 89.238



45, 7.283, 330.725



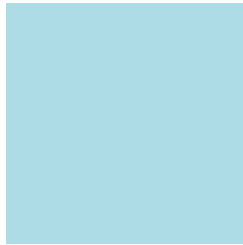
41, 76.338, 337.503



8, 32.743, 335.818

Previews

White Background



This preview shows how the CIELCh color 85, 16.410, 219.214 looks on a white background.

Color Contrast Check

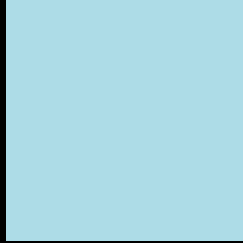
Large Text (above 18pt) WCAG AA × Fail

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, 16.410, 219.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

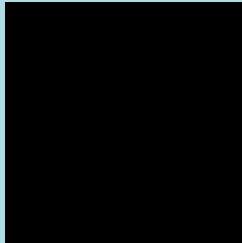
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

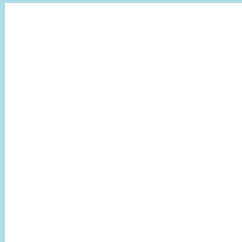
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 16.410, 219.214

Background



This preview shows how black text looks on a background with the CIELCh color 85, 16.410, 219.214.

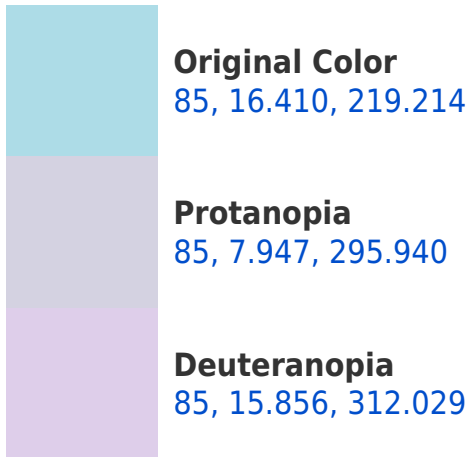


This preview shows how white text looks on a background with the CIELCh color 85, 16.410, 219.214.

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, 17.213, 232.156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 16.410, 219.214 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 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(173, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 16.410, 219.214 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, 231) }
```

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

```
.border{ border-color:rgb(173, 220, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(173, 220,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 16.410, 219.214 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, 231) }
```

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

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