

Converting Colors

CIELCh(85, 11.289, 216.021)

Have a look what the booklet for
CIELCh(85, 11.289, 216.021)
contains.

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Color

CIELCh(85, 11.314, 214.989)

Conversions

Conversions Part 1

Format	Color
Hex	BADAE0
RGB	186, 218, 224
RGB Percent	73%, 85%, 88%
CMY	0.2703, 0.1448, 0.1213
CMYK	0.17, 0.03, 0.00, 0.12
HSL	189°, 38%, 80%
HSV	189°, 17%, 88%
XYZ	58.8151, 66.0070, 80.2062
YIQ	209.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

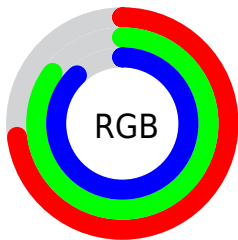
Format	Color
R _{YB}	186, 203, 224
Decimal	12245728
CIE Lab	85.00, -9.27, -6.49
CIE LCh	85, 11.314, 214.989
Yxy	66.0070, 0.2869, 0.3219
Android (android.graphics.Color)	4290435808 (0xFFBADAE0)
YUV	209.1160, 7.3378, -20.2727
Hunter-Lab	81.2447, -12.9576, -1.6608

Details

The CIELCh color **85, 11.314, 214.989** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 12.670, 34.745**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **65, 11.414, 215.620** is the 20% darker color. If you saturate the color by 10%, you get **83, 17.393, 215.281**, and if you desaturate by 10%, it is **87, 4.773, 214.879**.

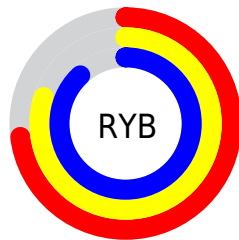
Distribution



Red (73%)

Green (85%)

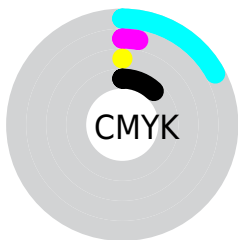
Blue (88%)



Red (73%)

Yellow (80%)

Blue (88%)

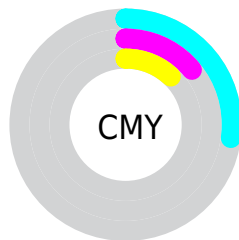


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (27%)


Magenta (14%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 11.314, 214.989 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, 11.314, 214.989 by changing the saturation by 10% instead.


 85, 11.314,
214.989


 85, 11.314,
214.989


 100, 11.314,
214.989


 75, 11.314,
214.989


 65, 11.314,
214.989

 55, 11.314,
214.989

 45, 11.314,
214.989

 35, 11.314,
214.989

 25, 11.314,
214.989

 15, 11.314,

214.989

■ 5, 11.314, 214.989

■ 0, 11.314, 214.989

■ 85, 11.314,
214.989

■ 85, 11.314,
214.989

■ 83, 17.393,
215.281

■ 87, 4.773, 214.879

■ 81, 22.901,
215.779

■ 90, 2.130, 34.413

■ 93, 9.309, 34.659

■ 79, 27.726,
216.514

■ 94, 9.335, 46.393

■ 77, 31.768,
217.541

■ 95, 9.244, 59.960

■ 95, 9.669, 73.017

■ 75, 34.949,

218.924

96, 10.545, 84.402

74, 37.235,
220.733

97, 11.767, 93.699

72, 38.659,
223.033

98, 13.238,
101.056

71, 39.342,
225.866

71, 39.488,
226.783

Harmonies

Complementary

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



85, 11.314, 214.989



80, 12.670, 34.745

Rectangle

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



85, 11.314, 214.989



85, 11.314, 264.989



85, 11.314, 34.989



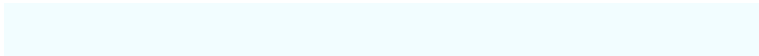
85, 11.314, 84.989

Sweetspot

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



85, 11.314, 214.980



99, 3.827, 214.907



86, 21.960, 147.720



52, 2.606, 214.893



0, 0.000, 0.000



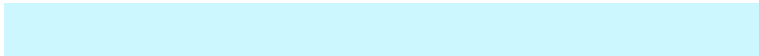
53, 0.007, 296.813

Same Dimension

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



85, 11.314, 214.980



95, 14.671, 215.056



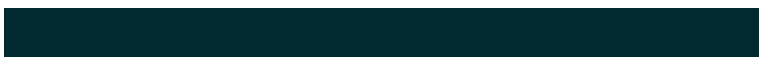
80, 13.805, 272.166



46, 3.874, 214.878



56, 32.968, 226.233



14, 13.626, 220.742

Inverse Universe

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



80, 21.896, 330.116



88, 28.704, 330.317



85, 13.898, 87.598



44, 7.312, 329.640



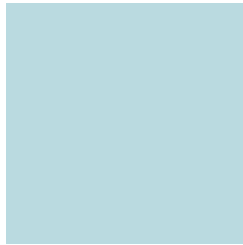
40, 77.376, 335.665



7, 32.290, 334.262

Previews

White Background



This preview shows how the CIELCh color 85, 11.314, 214.989 looks on a white background.

Color Contrast Check

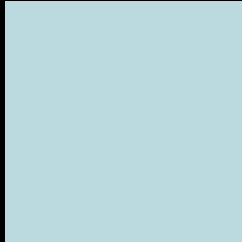
Large Text (above 18pt) WCAG AA × Fail

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, 11.314, 214.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

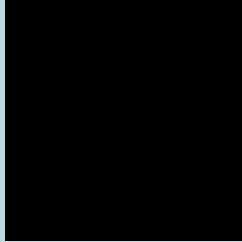
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

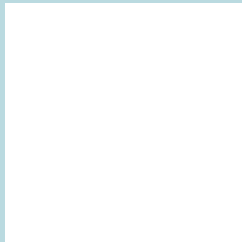
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 11.314, 214.989

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.314, 214.989.



This preview shows how white text looks on a background with the CIELCh color 85, 11.314, 214.989.

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](#).

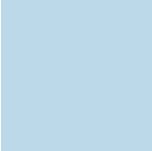
Dichromacy



Original Color
85, 11.314, 214.989

Protanopia
85, 4.806, 299.113

Deuteranopia
85, 13.212, 323.623



Tritanopia
85, 13.022, 242.472

Trichromacy



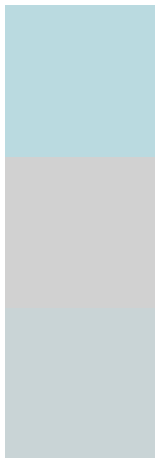
Original Color
85, 11.314, 214.989

Protanomaly
85, 5.288, 243.508

Deuteranomaly
85, 8.445, 293.284

Tritanomaly
85, 12.072, 233.502

Monochromacy



Original Color
85, 11.314, 214.989

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.034, 214.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.314, 214.989 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(186, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 218, 224)  
}
```

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(186, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 218, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.314, 214.989 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(186, 218, 224) }
```

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

```
.border{ border-color:rgb(186, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(186, 218,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.314, 214.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 218, 224) }
```

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

```
.background{ background-color: rgb(186,  
218, 224) }
```

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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