

Converting Colors

CIELCh(85, 13.973, 217.528)

Have a look what the booklet for
CIELCh(85, 13.973, 217.528)
contains.

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Color

CIELCh(85, 14.112, 218.275)

Conversions

Conversions Part 1

Format	Color
Hex	B3DBE4
RGB	179, 219, 228
RGB Percent	70%, 86%, 89%
CMY	0.2972, 0.1403, 0.1050
CMYK	0.21, 0.04, 0.00, 0.10
HSL	191°, 48%, 80%
HSV	191°, 21%, 90%
XYZ	58.0689, 66.0070, 83.2462
YIQ	208.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

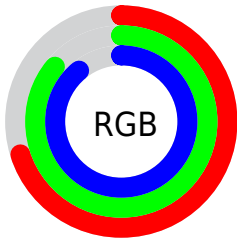
Format	Color
RYB	179, 201, 228
Decimal	11787236
CIELab	85.00, -11.08, -8.74
CIELCh	85, 14.112, 218.275
Yxy	66.0070, 0.2801, 0.3184
Android (android.graphics.Color)	4289977316 (0xFFB3DBE4)
YUV	208.0660, 9.8275, -25.4909
Hunter-Lab	81.2447, -14.5969, -3.8794

Details

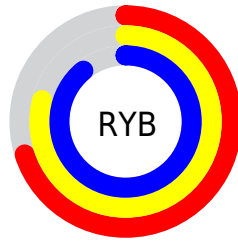
The CIELCh color **85, 14.112, 218.275** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 16.312, 37.457**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **65, 14.243, 219.059** is the 20% darker color. If you saturate the color by 10%, you get **83, 19.959, 218.819**, and if you desaturate by 10%, it is **88, 7.766, 217.925**.

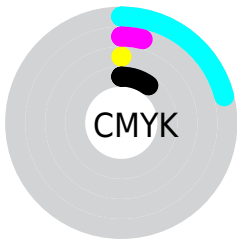
Distribution



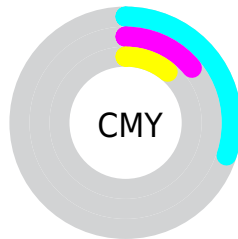
- Red (70%)
- Green (86%)
- Blue (89%)



- Red (70%)
- Yellow (79%)
- Blue (89%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)





- Cyan (30%)
- Magenta (14%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.112, 218.275 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, 14.112, 218.275 by changing the saturation by 10% instead.


 85, 14.112,
218.275


 85, 14.112,
218.275


 100, 14.112,
218.275


 75, 14.112,
218.275

 65, 14.112,
218.275

 55, 14.112,
218.275

 45, 14.112,
218.275

 35, 14.112,
218.275

 25, 14.112,
218.275

 15, 14.112,

218.275

■ 5, 14.112, 218.275

■ 0, 14.112, 218.275

■ 85, 14.112,
218.275

■ 85, 14.112,
218.275

■ 83, 19.959,
218.819

■ 88, 7.766, 217.925

■ 80, 25.199,
219.613

■ 90, 1.022, 218.206

■ 93, 6.028, 37.396

■ 78, 29.725,
220.706

■ 95, 7.968, 49.613

■ 76, 33.450,
222.167

■ 96, 8.132, 68.167

■ 74, 36.316,

■ 97, 9.076, 84.329

224.075

98, 10.586, 96.615

73, 38.326,
226.509

99, 12.453,
105.482

71, 39.557,
229.536

99, 13.546,
109.154

70, 40.179,
232.533

Harmonies

Complementary

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



85, 14.112, 218.275



80, 16.312, 37.457

Rectangle

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



85, 14.112, 218.275



85, 14.112, 268.275



85, 14.112, 38.275



85, 14.112, 88.275

Sweetspot

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



85, 14.112, 218.268



98, 4.507, 217.851



86, 27.578, 148.442



52, 2.984, 217.852



0, 0.000, 0.000



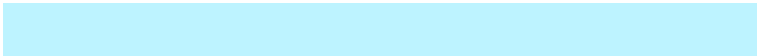
53, 0.007, 296.813

Same Dimension

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



85, 14.112, 218.268



93, 18.401, 218.499



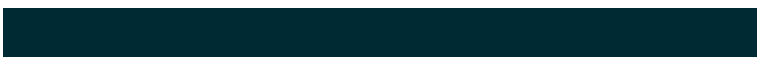
79, 18.500, 275.521



47, 3.883, 217.884



56, 33.404, 231.886



15, 13.986, 225.731

Inverse Universe

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



78, 27.671, 331.299



84, 36.666, 331.607



86, 18.509, 89.713



45, 7.314, 330.517



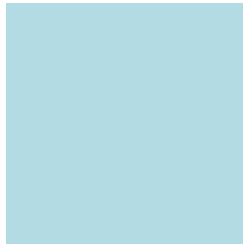
41, 76.681, 337.149



8, 32.872, 335.536

Previews

White Background



This preview shows how the CIELCh color 85, 14.112, 218.275 looks on a white background.

Color Contrast Check

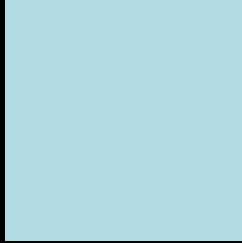
Large Text (above 18pt) WCAG AA × Fail

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, 14.112, 218.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

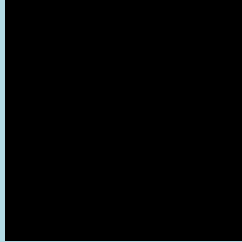
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 14.112, 218.275

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.112, 218.275.

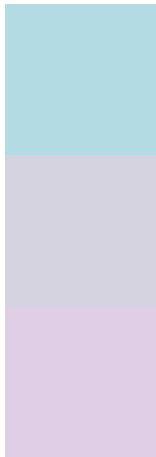


This preview shows how white text looks on a background with the CIELCh color 85, 14.112, 218.275.

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, 14.112, 218.275

Protanopia
85, 6.336, 293.923

Deuteranopia
85, 14.690, 316.807



Tritanopia
85, 14.952, 235.661

Trichromacy



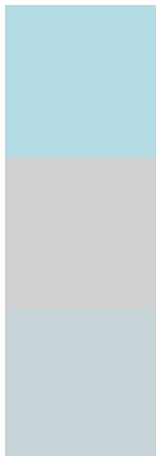
Original Color
85, 14.112, 218.275

Protanomaly
85, 7.477, 250.083

Deuteranomaly
85, 10.040, 285.081

Tritanomaly
85, 14.690, 231.356

Monochromacy



Original Color
85, 14.112, 218.275

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 5.169, 217.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.112, 218.275 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, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 228)  
}
```

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, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.112, 218.275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

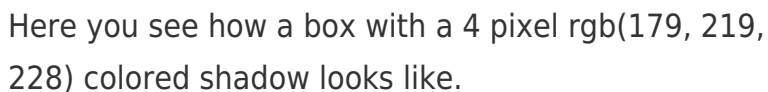
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 219, 228) }
```

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

```
.border{ border-color:rgb(179, 219, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 219, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 219, 228); box-shadow:4px 4px 4px 4px rgb(179, 219, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.112, 218.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 228) }
```

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

```
.background{ background-color: rgb(179,  
219, 228) }
```

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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