

Converting Colors

CIELCh(85, 8.987, 215.956)

Have a look what the booklet for
CIELCh(85, 8.987, 215.956) contains.

CIELCh(85, 8.987, 215.956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 8.987, 215.956)

Conversions

Conversions Part 1

Format	Color
Hex	C0D9DE
RGB	192, 217, 222
RGB Percent	75%, 85%, 87%
CMY	0.2476, 0.1496, 0.1300
CMYK	0.14, 0.02, 0.00, 0.13
HSL	190°, 31%, 81%
HSV	190°, 14%, 87%
XYZ	59.6449, 66.0070, 78.6040
YIQ	210.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

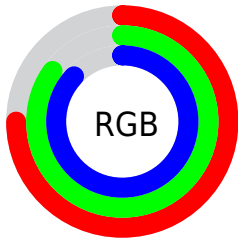
Format	Color
RYB	192, 206, 222
Decimal	12638686
CIELab	85.00, -7.27, -5.28
CIELCh	85, 8.987, 215.956
Yxy	66.0070, 0.2920, 0.3232
Android (android.graphics.Color)	4290828766 (0xFFC0D9DE)
YUV	210.0950, 5.8692, -15.8693
Hunter-Lab	81.2447, -11.1345, -0.4916

Details

The CIELCh color `85, 8.987, 215.956` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 9.817, 35.600`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 2.081, 199.592`, and `65, 9.035, 216.727` is the 20% darker color. If you saturate the color by 10%, you get `83, 15.155, 216.231`, and if you desaturate by 10%, it is `88, 2.402, 215.952`.

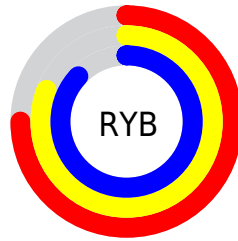
Distribution



Red (75%)

Green (85%)

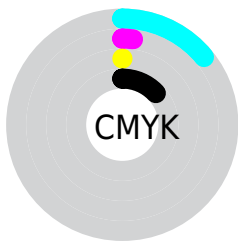
Blue (87%)



Red (75%)

Yellow (81%)

Blue (87%)

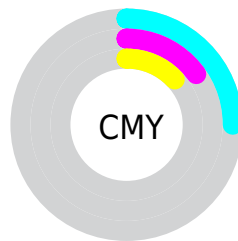


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.987, 215.956 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, 8.987, 215.956 by changing the saturation by 10% instead.

■ 85, 8.987, 215.956

■ 85, 8.987, 215.956

■ 100, 8.987,
215.956

■ 75, 8.987, 215.956

■ 65, 8.987, 215.956

■ 55, 8.987, 215.956

■ 45, 8.987, 215.956

■ 35, 8.987, 215.956

■ 25, 8.987, 215.956

■ 15, 8.987, 215.956

■ 5, 8.987, 215.956

■ 0, 8.987, 215.956

85, 8.987, 215.956

85, 8.987, 215.956

83, 15.155,
216.231

88, 2.402, 215.952

80, 20.802,
216.714

90, 4.508, 35.508

78, 25.818,
217.428

93, 10.429, 37.425

76, 30.099,
218.428

93, 9.950, 50.096

75, 33.560,
219.776

94, 9.995, 63.303

73, 36.153,
221.546

95, 10.556, 75.704

71, 37.886,
223.810

96, 11.553, 86.373

70, 38.845,
226.627

97, 12.882, 95.059

98, 14.449,
101.959

■ 69, 39.200,
228.690

Harmonies

Complementary

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



85, 8.987, 215.956



81, 9.817, 35.600

Rectangle

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



85, 8.987, 215.956



85, 8.987, 265.956



85, 8.987, 35.956



85, 8.987, 85.956

Sweetspot

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



85, 8.987, 215.944



99, 3.051, 215.927



86, 17.342, 147.980



53, 2.164, 215.902



0, 0.000, 0.000



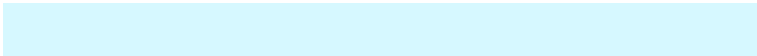
53, 0.007, 296.813

Same Dimension

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



85, 8.987, 215.944



95, 11.818, 216.000



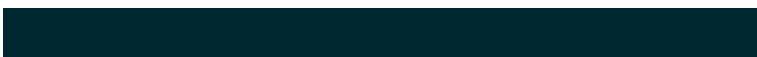
81, 10.893, 271.636



46, 3.852, 215.886



56, 32.962, 228.129



14, 13.591, 222.293

Inverse Universe

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



81, 17.184, 330.193



90, 22.794, 330.359



85, 10.945, 88.041



44, 7.267, 329.933



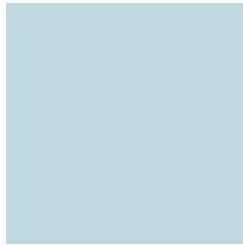
40, 76.862, 336.155



7, 32.098, 334.651

Previews

White Background



This preview shows how the CIELCh color 85, 8.987, 215.956 looks on a white background.

Color Contrast Check

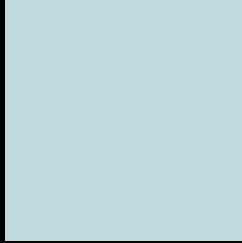
Large Text (above 18pt) WCAG AA × Fail

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, 8.987, 215.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

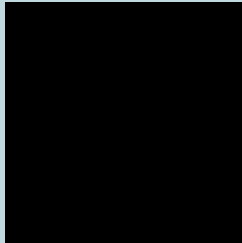
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

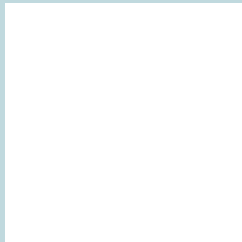
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.987, 215.956

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.987, 215.956.

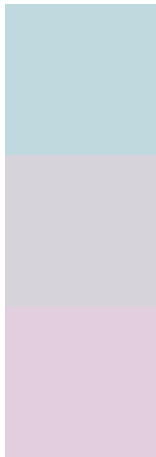


This preview shows how white text looks on a background with the CIELCh color 85, 8.987, 215.956.

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, 8.987, 215.956

Protanopia

85, 3.858, 306.660

Deuteranopia

85, 12.150, 329.136



Tritanopia
85, 11.291, 251.702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.987, 215.956 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(192, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 222)  
}
```

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(192, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.987, 215.956 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(192, 217, 222) }
```

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

```
.border{ border-color:rgb(192, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.987, 215.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 222) }
```

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

```
.background{ background-color: rgb(192,  
217, 222) }
```

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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