

Converting Colors

CIELCh(85, 5.524, 211.344)

Have a look what the booklet for
CIELCh(85, 5.524, 211.344) contains.

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Color

CIELCh(85, 5.381, 210.436)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7D9
RGB	200, 215, 217
RGB Percent	78%, 84%, 85%
CMY	0.2150, 0.1562, 0.1484
CMYK	0.08, 0.01, 0.00, 0.15
HSL	187°, 18%, 82%
HSV	187°, 8%, 85%
XYZ	60.7532, 66.0070, 75.2986
YIQ	210.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

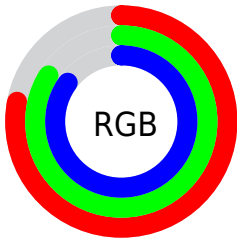
Format	Color
R _Y B	200, 208, 217
Decimal	13162457
CIE Lab	85.00, -4.64, -2.73
CIE LCh	85, 5.381, 210.436
Yxy	66.0070, 0.3007, 0.3267
Android (android.graphics.Color)	4291352537 (0xFFC8D7D9)
YUV	210.7430, 3.0847, -9.4216
Hunter-Lab	81.2447, -8.6994, 1.9206

Details

The CIELCh color `85, 5.381, 210.436` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 5.659, 30.426`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 5.291, 211.204` is the 20% darker color. If you saturate the color by 10%, you get `83, 11.913, 210.336`, and if you desaturate by 10%, it is `87, 1.527, 30.030`.

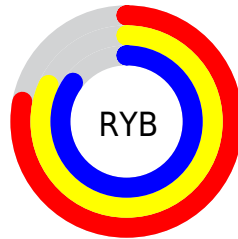
Distribution



Red (78%)

Green (84%)

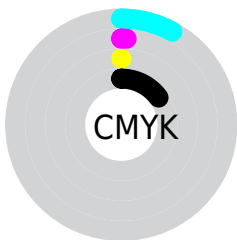
Blue (85%)



Red (78%)

Yellow (82%)

Blue (85%)

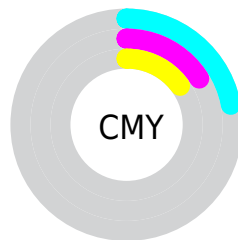


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.381, 210.436 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, 5.381, 210.436 by changing the saturation by 10% instead.

■ 85, 5.381, 210.436

■ 85, 5.381, 210.436

■ 100, 5.381,
210.436

■ 75, 5.381, 210.436

■ 65, 5.381, 210.436

■ 55, 5.381, 210.436

■ 45, 5.381, 210.436

■ 35, 5.381, 210.436

■ 25, 5.381, 210.436

■ 15, 5.381, 210.436

■ 5, 5.381, 210.436

■ 0, 5.381, 210.436

85, 5.381, 210.436

85, 5.381, 210.436

83, 11.913,
210.336

87, 1.527, 30.030

81, 17.962,
210.419

90, 8.721, 30.532

79, 23.416,
210.660

91, 12.278, 33.856

77, 28.162,
211.089

92, 11.772, 41.035

76, 32.099,
211.745

92, 11.467, 48.719

75, 35.148,
212.675

93, 11.381, 56.660

73, 37.278,
213.926

94, 11.517, 64.554

72, 38.516,
215.547

94, 11.866, 72.109

95, 12.410, 79.102

■ 71, 38.991,
217.557

Harmonies

Complementary

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



85, 5.381, 210.436



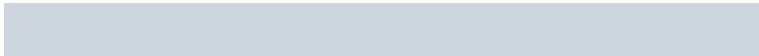
83, 5.659, 30.426

Rectangle

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



85, 5.381, 210.436



85, 5.381, 260.436



85, 5.381, 30.436



85, 5.381, 80.436

Sweetspot

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



85, 5.382, 210.415



99, 1.589, 210.780



85, 10.070, 147.336



53, 0.904, 210.803



0, 0.000, 0.000



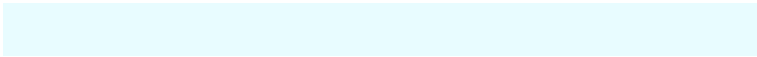
53, 0.007, 296.813

Same Dimension

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



85, 5.382, 210.415



98, 7.025, 210.392



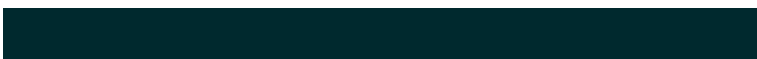
83, 5.965, 267.996



45, 3.917, 210.387



58, 33.052, 217.646



14, 13.458, 213.549

Inverse Universe

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



82, 10.088, 328.234



94, 13.221, 328.312



85, 5.989, 85.883



43, 7.381, 328.334



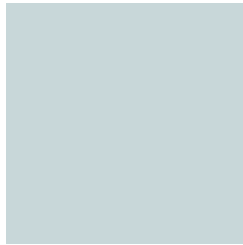
40, 78.970, 333.510



7, 31.826, 332.433

Previews

White Background



This preview shows how the CIELCh color 85, 5.381, 210.436 looks on a white background.

Color Contrast Check

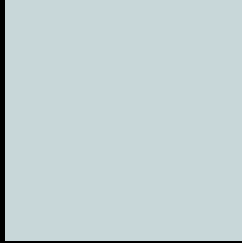
Large Text (above 18pt) WCAG AA × Fail

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, 5.381, 210.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

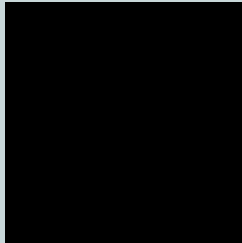
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

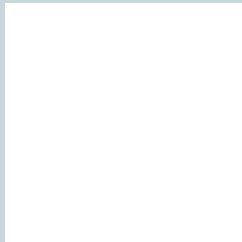
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.381, 210.436

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.381, 210.436.

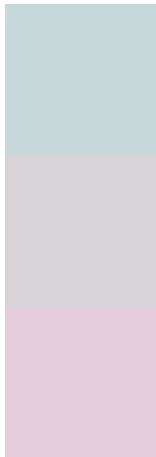


This preview shows how white text looks on a background with the CIELCh color 85, 5.381, 210.436.

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](#).

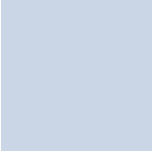
Dichromacy



Original Color
85, 5.381, 210.436

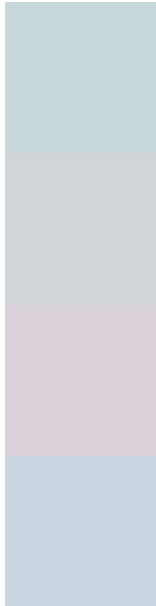
Protanopia
85, 2.573, 324.438

Deuteranopia
85, 10.809, 341.051



Tritanopia
85, 9.637, 267.767

Trichromacy



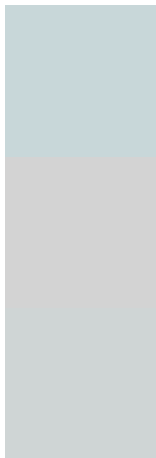
Original Color
85, 5.381, 210.436

Protanomaly
85, 1.900, 255.964

Deuteranomaly
85, 5.985, 327.485

Tritanomaly
85, 7.267, 252.179

Monochromacy



Original Color
85, 5.381, 210.436

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.151, 199.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.381, 210.436 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(200, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 215, 217)  
}
```

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(200, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.381, 210.436 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(200, 215, 217) }
```

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

```
.border{ border-color:rgb(200, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.381, 210.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 217) }
```

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

```
.background{ background-color: rgb(200,  
215, 217) }
```

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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