

Converting Colors

CIELCh(85, 5.004, 211.575)

Have a look what the booklet for
CIELCh(85, 5.004, 211.575) contains.

CIELCh(85, 5.041, 211.237)	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, 5.041, 211.237)

Conversions

Conversions Part 1

Format	Color
Hex	C9D7D9
RGB	201, 215, 217
RGB Percent	79%, 84%, 85%
CMY	0.2119, 0.1570, 0.1491
CMYK	0.07, 0.01, 0.00, 0.15
HSL	187°, 17%, 82%
HSV	187°, 7%, 85%
XYZ	60.8926, 66.0070, 75.1560
YIQ	211.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

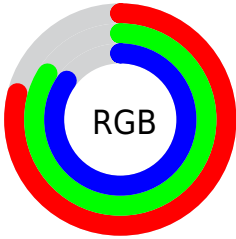
Format	Color
R_{YB}	201, 208, 217
Decimal	13227993
CIE _{Lab}	85.00, -4.31, -2.61
CIE _{LCh}	85, 5.041, 211.237
Yxy	66.0070, 0.3014, 0.3267
Android (android.graphics.Color)	4291418073 (0xFFC9D7D9)
YUV	211.0420, 2.9373, -8.8068
Hunter-Lab	81.2447, -8.3931, 2.0246

Details

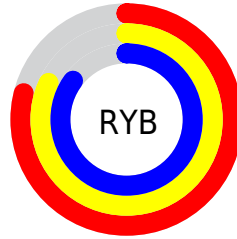
The CIELCh color `85, 5.041, 211.237` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 5.285, 31.151`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 4.937, 212.125` is the 20% darker color. If you saturate the color by 10%, you get `83, 11.550, 211.161`, and if you desaturate by 10%, it is `87, 1.836, 30.860`.

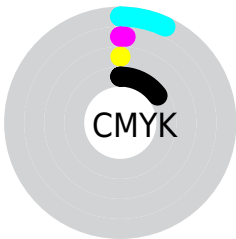
Distribution



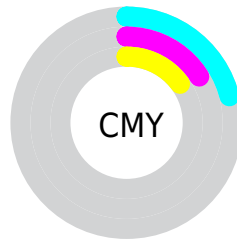
- Red (79%)
- Green (84%)
- Blue (85%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.041, 211.237 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, 5.041, 211.237 by changing the saturation by 10% instead.

■ 85, 5.041, 211.237

■ 85, 5.041, 211.237

■ 100, 5.041,
211.237

■ 75, 5.041, 211.237

■ 65, 5.041, 211.237

■ 55, 5.041, 211.237

■ 45, 5.041, 211.237

■ 35, 5.041, 211.237

■ 25, 5.041, 211.237

■ 15, 5.041, 211.237

■ 5, 5.041, 211.237

■ 0, 5.041, 211.237

85, 5.041, 211.237

85, 5.041, 211.237

83, 11.550,
211.161

87, 1.836, 30.860

81, 17.585,
211.278

90, 8.994, 31.273

79, 23.036,
211.559

91, 12.245, 35.049

77, 27.791,
212.035

92, 11.749, 42.750

76, 31.748,
212.750

93, 11.484, 50.958

74, 34.828,
213.751

93, 11.465, 59.359

73, 36.997,
215.090

94, 11.694, 67.594

72, 38.281,
216.821

95, 12.155, 75.342

95, 12.821, 82.387

■ 71, 38.797,
218.968

Harmonies

Complementary

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



85, 5.041, 211.237



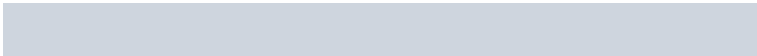
83, 5.285, 31.151

Rectangle

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



85, 5.041, 211.237



85, 5.041, 261.237



85, 5.041, 31.237



85, 5.041, 81.237

Sweetspot

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



85, 5.042, 211.215



99, 1.580, 211.554



85, 9.474, 147.367



53, 0.898, 211.576



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

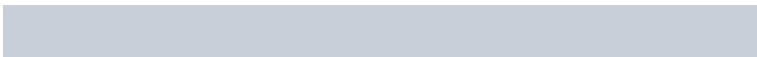
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 5.042, 211.215



98, 6.984, 211.188



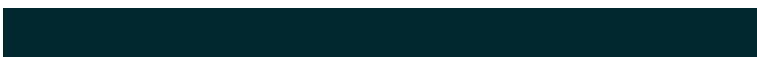
83, 5.614, 267.935



45, 3.894, 211.183



57, 32.923, 219.169



14, 13.397, 214.765

Inverse Universe

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



83, 9.443, 328.436



94, 13.154, 328.543



85, 5.632, 85.938



43, 7.343, 328.565



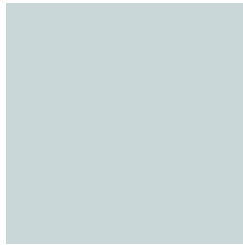
40, 78.522, 333.887



7, 31.661, 332.732

Previews

White Background



This preview shows how the CIELCh color 85, 5.041, 211.237 looks on a white background.

Color Contrast Check

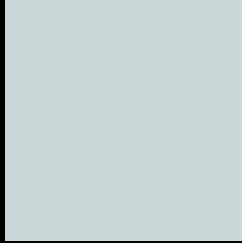
Large Text (above 18pt) WCAG AA × Fail

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, 5.041, 211.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

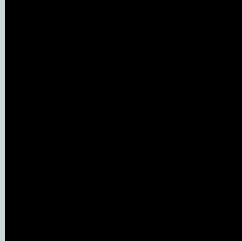
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

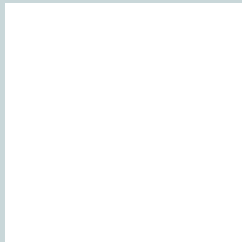
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.041, 211.237

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.041, 211.237.

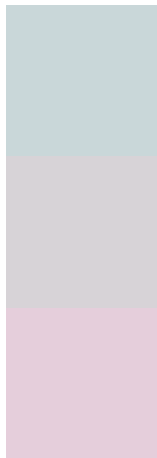


This preview shows how white text looks on a background with the CIELCh color 85, 5.041, 211.237.

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, 5.041, 211.237

Protanopia

85, 2.573, 324.438

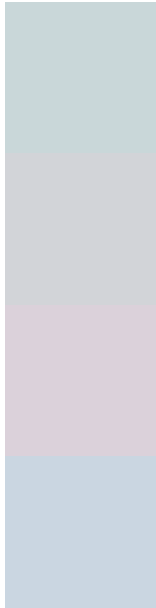
Deuteranopia

85, 10.809, 341.051



Tritanopia
85, 9.516, 269.672

Trichromacy



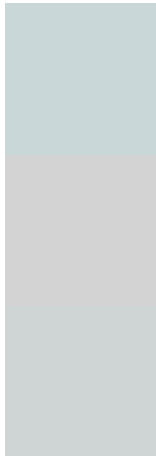
Original Color
85, 5.041, 211.237

Protanomaly
85, 2.219, 271.584

Deuteranomaly
85, 5.985, 327.485

Tritanomaly
85, 7.065, 254.402

Monochromacy



Original Color
85, 5.041, 211.237

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.862, 216.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.041, 211.237 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(201, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 215, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.041, 211.237 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(201, 215, 217) }
```

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

```
.border{ border-color:rgb(201, 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(201, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(201, 215,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.041, 211.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 215, 217) }
```

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

```
.background{ background-color: rgb(201,  
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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