

Converting Colors

CIELCh(85, 9.482, 165.631)

Have a look what the booklet for
CIELCh(85, 9.482, 165.631) contains.

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Color

CIELCh(85, 9.245, 168.003)

Conversions

Conversions Part 1

Format	Color
Hex	C3D9D0
RGB	195, 217, 208
RGB Percent	76%, 85%, 82%
CMY	0.2340, 0.1477, 0.1831
CMYK	0.10, 0.00, 0.04, 0.15
HSL	155°, 23%, 81%
HSV	155°, 10%, 85%
XYZ	58.9087, 66.0070, 69.5172
YIQ	209.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

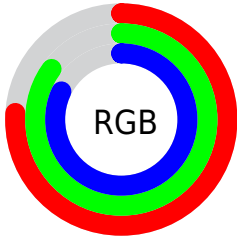
Format	Color
RYB	195, 209, 217
Decimal	12835280
CIELab	85.00, -9.04, 1.92
CIELCh	85, 9.245, 168.003
Yxy	66.0070, 0.3030, 0.3395
Android (android.graphics.Color)	4291025360 (0xFFC3D9D0)
YUV	209.3960, -0.6882, -12.6253
Hunter-Lab	81.2447, -12.7518, 6.1397

Details

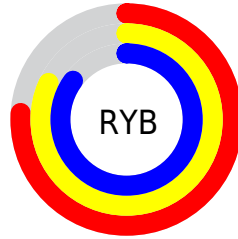
The CIELCh color `85, 9.245, 168.003` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 9.429, 349.721`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `65, 9.133, 169.481` is the 20% darker color. If you saturate the color by 10%, you get `83, 18.293, 166.998`, and if you desaturate by 10%, it is `87, 0.111, 173.068`.

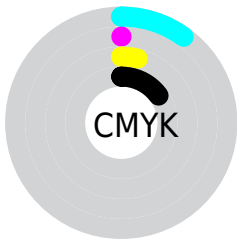
Distribution



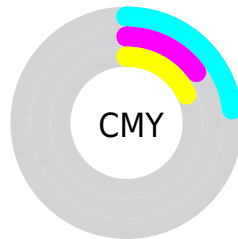
- Red (76%)
- Green (85%)
- Blue (82%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.245, 168.003 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, 9.245, 168.003 by changing the saturation by 10% instead.



85, 9.245, 168.003

85, 9.245, 168.003

83, 18.293,
166.998

87, 0.111, 173.068

82, 27.125,
165.916

89, 9.015, 349.611

81, 35.599,
164.720

90, 16.358,
346.638

80, 43.562,
163.382

91, 19.214,
335.084

79, 50.863,
161.878

91, 22.670,
326.884

78, 57.376,
160.183

91, 23.593,
325.246

78, 63.024,
158.279

77, 67.801,
156.162

■ 77,71.823,
153.935

Harmonies

Complementary

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



85, 9.245, 168.003



81, 9.429, 349.721

Rectangle

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



85, 9.245, 168.003



85, 9.245, 218.003



85, 9.245, 348.003



85, 9.245, 38.003

Sweetspot

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



85, 9.247, 167.998



99, 3.117, 168.757



85, 12.492, 131.508



53, 2.364, 168.650



0, 0.000, 0.000



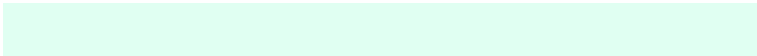
53, 0.007, 296.813

Same Dimension

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



85, 9.247, 167.998



98, 12.467, 167.803



85, 7.127, 206.792



45, 5.222, 168.065



63, 60.252, 154.319



16, 22.255, 159.025

Inverse Universe

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



81, 9.429, 349.721



92, 12.758, 349.922



81, 7.612, 27.216



43, 5.319, 349.652



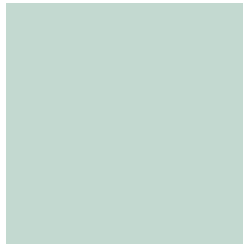
37, 63.396, 10.512



6, 24.349, 0.624

Previews

White Background



This preview shows how the CIELCh color 85, 9.245, 168.003 looks on a white background.

Color Contrast Check

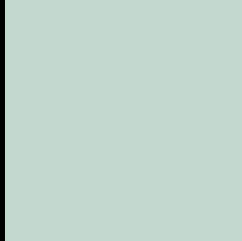
Large Text (above 18pt) WCAG AA × Fail

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, 9.245, 168.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

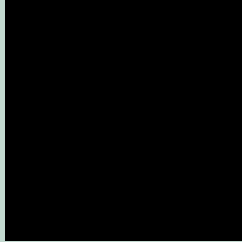
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

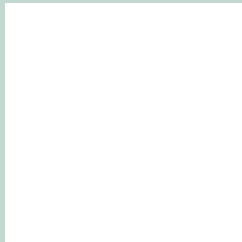
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.245, 168.003

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.245, 168.003.

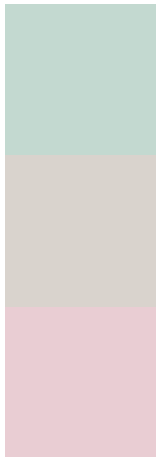


This preview shows how white text looks on a background with the CIELCh color 85, 9.245, 168.003.

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, 9.245, 168.003

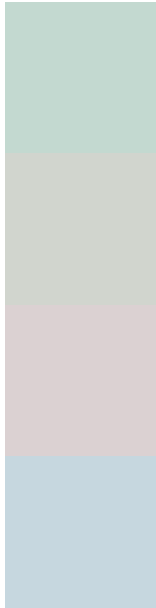
Protanopia
85, 3.823, 74.648

Deuteranopia
85, 10.789, 3.278



Tritanopia
85, 10.206, 260.678

Trichromacy



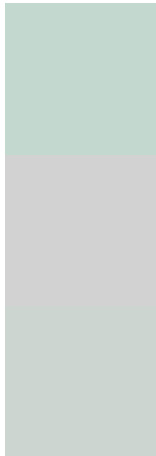
Original Color
85, 9.245, 168.003

Protanomaly
85, 3.961, 131.426

Deuteranomaly
85, 3.694, 11.362

Tritanomaly
85, 7.184, 235.073

Monochromacy



Original Color
85, 9.245, 168.003

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 3.590, 163.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.245, 168.003 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(195, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 217, 208)  
}
```

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(195, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 217, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.245, 168.003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

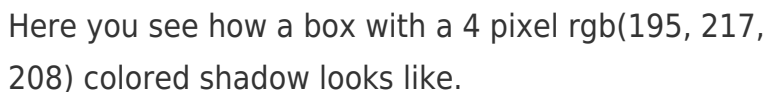
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 217, 208) }
```

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

```
.border{ border-color:rgb(195, 217, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 217,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.245, 168.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 217, 208) }
```

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

```
.background{ background-color: rgb(195,  
217, 208) }
```

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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