

Converting Colors

CIELCh(85, 19.295, 108.585)

Have a look what the booklet for
CIELCh(85, 19.295, 108.585)
contains.

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Color

CIELCh(85, 19.303, 108.514)

Conversions

Conversions Part 1

Format	Color
Hex	D7D7B2
RGB	215, 215, 178
RGB Percent	84%, 84%, 70%
CMY	0.1583, 0.1583, 0.3033
CMYK	0.00, 0.00, 0.17, 0.16
HSL	60°, 31%, 77%
HSV	60°, 17%, 84%
XYZ	60.1249, 66.0070, 51.5058
YIQ	210.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

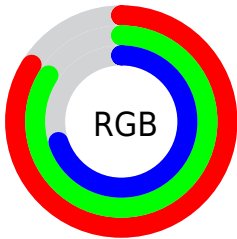
Format	Color
RYB	178, 215, 178
Decimal	14145458
CIELab	85.00, -6.13, 18.30
CIELCh	85, 19.303, 108.514
Yxy	66.0070, 0.3385, 0.3716
Android (android.graphics.Color)	4292335538 (0xFFD7D7B2)
YUV	210.7820, -16.1615, 3.6992
Hunter-Lab	81.2447, -10.0799, 19.2839

Details

The CIELCh color **85, 19.303, 108.514** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 20.083, 292.085**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **65, 19.259, 108.105** is the 20% darker color. If you saturate the color by 10%, you get **85, 30.361, 107.551**, and if you desaturate by 10%, it is **85, 8.120, 109.484**.

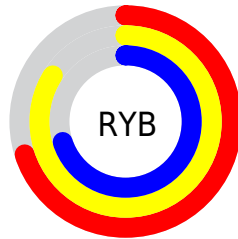
Distribution



Red (84%)

Green (84%)

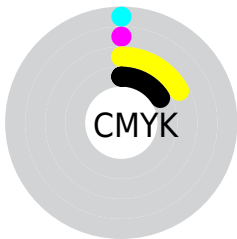
Blue (70%)



Red (70%)

Yellow (84%)

Blue (70%)

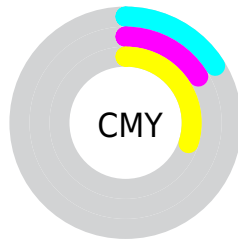


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.303, 108.514 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, 19.303, 108.514 by changing the saturation by 10% instead.


 85, 19.303,
108.514


 85, 19.303,
108.514


 100, 19.303,
108.514


 75, 19.303,
108.514

 65, 19.303,
108.514

 55, 19.303,
108.514

 45, 19.303,
108.514

 35, 19.303,
108.514

 25, 19.303,
108.514

 15, 19.303,

108.514

■ 5, 19.303, 108.514

■ 0, 19.303, 108.514

■ 85, 19.303,
108.514

■ 85, 19.303,
108.514

■ 85, 30.361,
107.551

■ 85, 8.120, 109.484

■ 84, 41.175,
106.601

■ 86, 3.122, 290.469

■ 84, 51.572,
105.690

■ 87, 14.373,
291.383

■ 84, 61.285,
104.849

■ 87, 21.156,
291.930

■ 84, 69.923,

■ 87, 21.156,
291.933

104.113

87, 21.156,
291.936

83, 76.981,
103.524

87, 21.156,
291.940

83, 81.941,
103.117

87, 21.156,
291.943

83, 84.572,
102.904

87, 21.156,
291.946

83, 85.094,
102.863

Harmonies

Complementary

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



85, 19.303, 108.514



74, 20.083, 292.085

Rectangle

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



85, 19.303, 108.514



85, 19.303, 158.514



85, 19.303, 288.514



85, 19.303, 338.514

Sweetspot

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



85, 19.305, 108.519



100, 6.453, 109.690



76, 14.272, 20.578



53, 4.403, 109.623



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, 19.305, 108.519



99, 27.010, 108.134



84, 20.637, 128.294



45, 6.359, 109.274



68, 71.786, 102.862



17, 25.020, 104.504

Inverse Universe

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



74, 20.083, 292.085



83, 28.374, 292.604



75, 21.128, 309.862



41, 6.500, 291.160



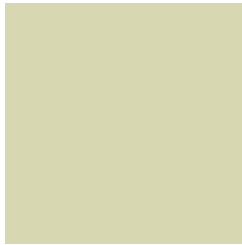
20, 99.122, 306.288



2, 27.577, 294.046

Previews

White Background



This preview shows how the CIELCh color 85, 19.303, 108.514 looks on a white background.

Color Contrast Check

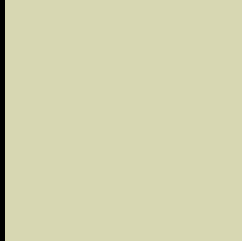
Large Text (above 18pt) WCAG AA × Fail

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, 19.303, 108.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

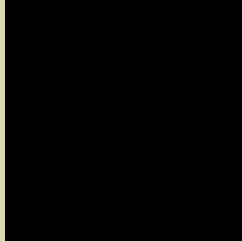
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

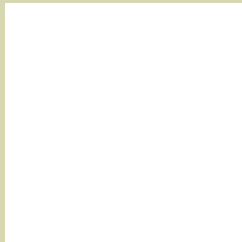
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 19.303, 108.514

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.303, 108.514.



This preview shows how white text looks on a background with the CIELCh color 85, 19.303, 108.514.

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](#).

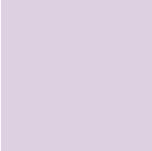
Dichromacy



Original Color
85, 19.303, 108.514

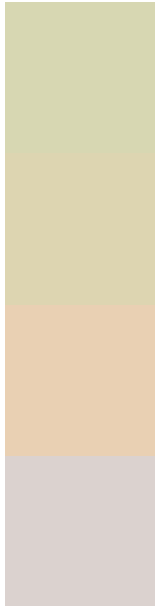
Protanopia
85, 19.389, 94.640

Deuteranopia
85, 20.222, 58.398



Tritanopia
85, 9.666, 319.478

Trichromacy



Original Color
85, 19.303, 108.514

Protanomaly
85, 19.056, 99.206

Deuteranomaly
85, 18.102, 76.340

Tritanomaly
85, 3.644, 45.024

Monochromacy



Original Color
85, 19.303, 108.514

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 7.338, 109.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.303, 108.514 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(215, 215, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 178)  
}
```

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(215, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.303, 108.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

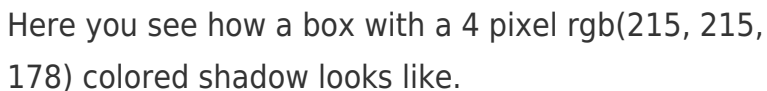
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 215, 178) }
```

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

```
.border{ border-color:rgb(215, 215, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 215, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 215, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 215, 178); box-shadow:4px 4px 4px 4px rgb(215, 215, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.303, 108.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 178) }
```

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

```
.background{ background-color: rgb(215,  
215, 178) }
```

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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