

Converting Colors

CIELCh(85, 15.177, 114.775)

Have a look what the booklet for
CIELCh(85, 15.177, 114.775)
contains.

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Color

CIELCh(85, 15.238, 114.566)

Conversions

Conversions Part 1

Format	Color
Hex	D3D7BA
RGB	211, 215, 186
RGB Percent	83%, 84%, 73%
CMY	0.1725, 0.1568, 0.2705
CMYK	0.02, 0.00, 0.13, 0.16
HSL	68°, 27%, 79%
HSV	68°, 13%, 84%
XYZ	60.0385, 66.0070, 56.0405
YIQ	210.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

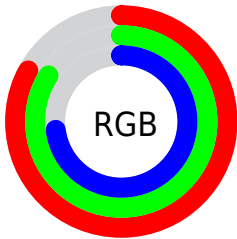
Format	Color
RYB	186, 215, 190
Decimal	13883322
CIELab	85.00, -6.34, 13.86
CIELCh	85, 15.238, 114.566
Yxy	66.0070, 0.3297, 0.3625
Android (android.graphics.Color)	4292073402 (0xFFD3D7BA)
YUV	210.4980, -12.0775, 0.4403
Hunter-Lab	81.2447, -10.2696, 15.9746

Details

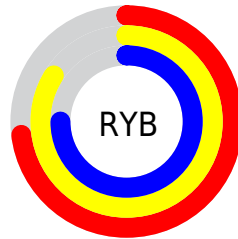
The CIELCh color **85, 15.238, 114.566** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 15.702, 296.710**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **65, 14.989, 114.752** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.443, 113.802**, and if you desaturate by 10%, it is **86, 3.941, 115.330**.

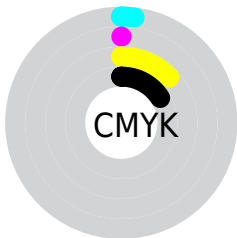
Distribution



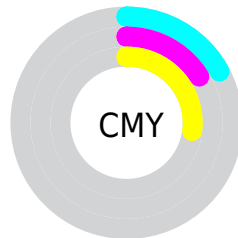
- Red (83%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 15.238, 114.566 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, 15.238, 114.566 by changing the saturation by 10% instead.


 85, 15.238,
114.566


 85, 15.238,
114.566


 100, 15.238,
114.566


 75, 15.238,
114.566

 65, 15.238,
114.566

 55, 15.238,
114.566

 45, 15.238,
114.566

 35, 15.238,
114.566

 25, 15.238,
114.566

 15, 15.238,

114.566

■ 5, 15.238, 114.566

■ 0, 15.238, 114.566

■ 85, 15.238,
114.566

■ 85, 15.238,
114.566

■ 84, 26.443,
113.802

■ 86, 3.941, 115.330

■ 84, 37.453,
113.040

■ 87, 7.389, 296.075

■ 83, 48.123,
112.313

■ 87, 18.705,
296.785

■ 83, 58.230,
111.657

■ 88, 21.146,
299.065

■ 82, 67.441,

■ 88, 21.302,
301.747

111.124

88, 21.503,
304.401

82, 75.298,
110.781

88, 21.747,
307.017

82, 81.271,
110.706

89, 22.035,
309.585

81, 84.950,
110.967

89, 22.365,
312.097

81, 86.346,
111.284

Harmonies

Complementary

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



85, 15.238, 114.566



77, 15.702, 296.710

Rectangle

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



85, 15.238, 114.566



85, 15.238, 164.566



85, 15.238, 294.566



85, 15.238, 344.566

Sweetspot

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



85, 15.240, 114.571



100, 5.191, 115.289



79, 9.778, 32.189



53, 3.690, 115.232



0, 0.000, 0.000



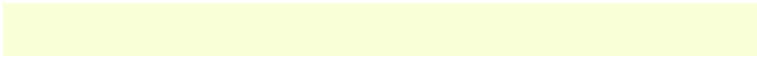
53, 0.007, 296.813

Same Dimension

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



85, 15.240, 114.571



99, 20.745, 114.366



84, 16.732, 133.015



45, 6.397, 114.883



66, 72.718, 111.158



16, 25.241, 112.278

Inverse Universe

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



77, 15.702, 296.710



87, 21.502, 296.959



78, 16.954, 314.143



41, 6.535, 296.350



21, 98.244, 306.844



2, 27.740, 297.480

Previews

White Background



This preview shows how the CIELCh color 85, 15.238, 114.566 looks on a white background.

Color Contrast Check

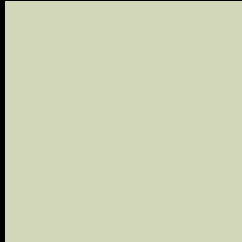
Large Text (above 18pt) WCAG AA × Fail

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, 15.238, 114.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

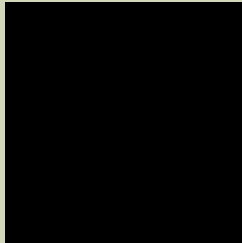
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

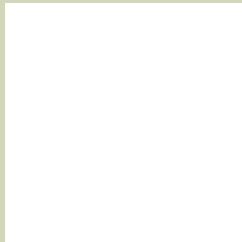
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 15.238, 114.566

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.238, 114.566.



This preview shows how white text looks on a background with the CIELCh color 85, 15.238, 114.566.

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, 15.238, 114.566

Protanopia

85, 15.137, 94.258

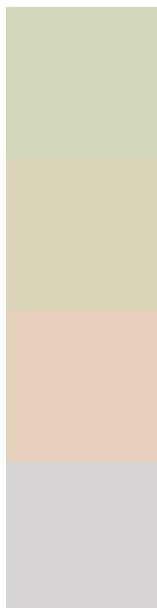
Deuteranopia

85, 16.625, 50.377



Tritanopia
85, 9.431, 308.367

Trichromacy



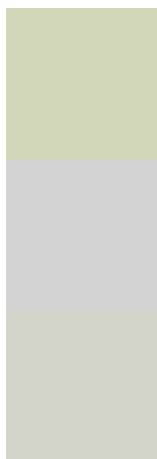
Original Color
85, 15.238, 114.566

Protanomaly
85, 14.761, 101.497

Deuteranomaly
85, 13.896, 71.845

Tritanomaly
85, 1.453, 19.117

Monochromacy



Original Color
85, 15.238, 114.566

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.258, 113.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.238, 114.566 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(211, 215, 186)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 186)  
}
```

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(211, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.238, 114.566 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(211, 215, 186) }
```

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

```
.border{ border-color:rgb(211, 215, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 215, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 215, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 215, 186); box-shadow:4px 4px 4px 4px rgb(211, 215, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.238, 114.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 186) }
```

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

```
.background{ background-color: rgb(211,  
215, 186) }
```

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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