

Converting Colors

CIELCh(85, 10.523, 121.285)

Have a look what the booklet for
CIELCh(85, 10.523, 121.285)
contains.

CIELCh(85, 10.718, 121.277)	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, 10.718, 121.277)

Conversions

Conversions Part 1

Format	Color
Hex	D1D7C3
RGB	209, 215, 195
RGB Percent	82%, 84%, 76%
CMY	0.1809, 0.1573, 0.2358
CMYK	0.03, 0.00, 0.09, 0.16
HSL	78°, 20%, 80%
HSV	78°, 9%, 84%
XYZ	60.3626, 66.0070, 61.1146
YIQ	210.9260, 2.8440, -7.4920

Conversions

Conversions Part 2

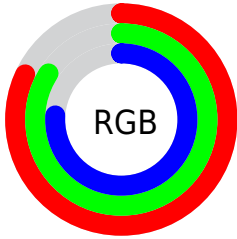
Format	Color
R_{YB}	195, 215, 201
Decimal	13752259
CIE Lab	85.00, -5.56, 9.16
CIE LCh	85, 10.718, 121.277
Yxy	66.0070, 0.3220, 0.3521
Android (android.graphics.Color)	4291942339 (0xFFD1D7C3)
YUV	210.9260, -7.8515, -1.6891
Hunter-Lab	81.2447, -9.5576, 12.2716

Details

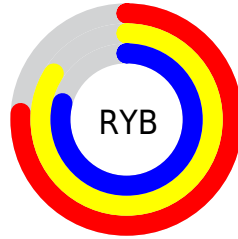
The CIELCh color **85, 10.718, 121.277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 10.921, 302.355**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **65, 10.698, 119.707** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.209, 120.695**, and if you desaturate by 10%, it is **86, 0.808, 301.782**.

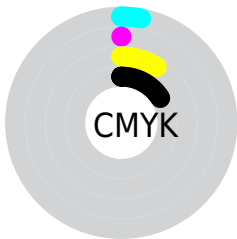
Distribution



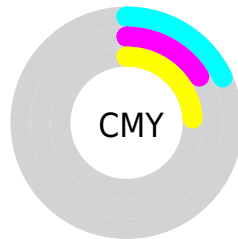
- Red (82%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.718, 121.277 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, 10.718, 121.277 by changing the saturation by 10% instead.


 85, 10.718,
121.277


 85, 10.718,
121.277


 100, 10.718,
121.277


 75, 10.718,
121.277

 65, 10.718,
121.277

 55, 10.718,
121.277

 45, 10.718,
121.277

 35, 10.718,
121.277

 25, 10.718,
121.277

 15, 10.718,

121.277

■ 5, 10.718, 121.277

■ 0, 10.718, 121.277

■ 85, 10.718,
121.277

■ 85, 10.718,
121.277

■ 84, 22.209,
120.695

■ 86, 0.808, 301.782

■ 83, 33.575,
120.105

■ 87, 12.315,
302.381

■ 82, 44.693,
119.537

■ 88, 21.545,
303.950

■ 82, 55.377,
119.027

■ 89, 22.115,
309.568

■ 81, 65.351,

■ 89, 22.882,
314.924

118.630

90, 23.834,
319.956

80, 74.221,
118.428

90, 24.953,
324.624

80, 81.486,
118.525

90, 25.136,
325.300

79, 86.659,
119.031

79, 89.724,
119.963

Harmonies

Complementary

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



85, 10.718, 121.277



80, 10.921, 302.355

Rectangle

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



85, 10.718, 121.277



85, 10.718, 171.277



85, 10.718, 301.277



85, 10.718, 351.277

Sweetspot

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



85, 10.720, 121.283



100, 3.962, 121.652



82, 6.107, 50.867



53, 3.006, 121.603



0, 0.000, 0.000



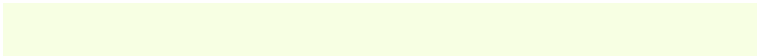
53, 0.007, 296.813

Same Dimension

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



85, 10.720, 121.283



99, 14.556, 121.178



84, 12.090, 138.400



45, 6.520, 121.276



64, 75.678, 119.802



16, 26.105, 120.609

Inverse Universe

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



80, 10.921, 302.355



92, 14.874, 302.471



81, 12.157, 319.204



42, 6.643, 302.362



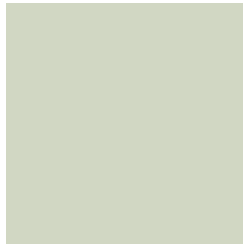
22, 96.123, 308.380



2, 28.072, 301.592

Previews

White Background



This preview shows how the CIELCh color 85, 10.718, 121.277 looks on a white background.

Color Contrast Check

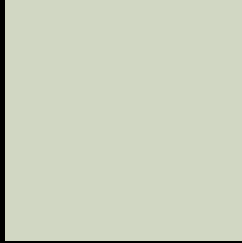
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 10.718, 121.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

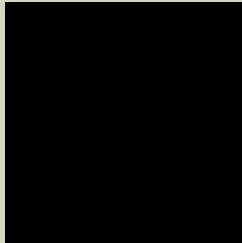
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

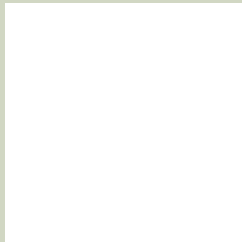
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.718, 121.277

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.718, 121.277.



This preview shows how white text looks on a background with the CIELCh color 85, 10.718, 121.277.

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, 10.718, 121.277

Protanopia
85, 10.010, 89.568

Deuteranopia
85, 13.210, 38.647



Tritanopia
85, 9.087, 299.840

Trichromacy



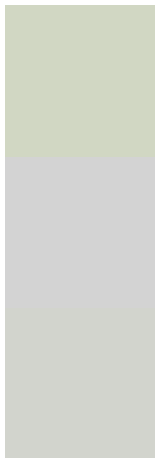
Original Color
85, 10.718, 121.277

Protanomaly
85, 9.539, 100.320

Deuteranomaly
85, 9.611, 64.707

Tritanomaly
85, 1.586, 290.355

Monochromacy



Original Color
85, 10.718, 121.277

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.747, 121.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.718, 121.277 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(209, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 215, 195)  
}
```

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(209, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 215, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.718, 121.277 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(209, 215, 195) }
```

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

```
.border{ border-color:rgb(209, 215, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 215, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 215, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 215,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.718, 121.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 215, 195) }
```

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

```
.background{ background-color: rgb(209,  
215, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor