

Converting Colors

CIELCh(85, 13.074, 109.050)

Have a look what the booklet for
CIELCh(85, 13.074, 109.050)
contains.

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Color

CIELCh(85, 13.074, 109.050)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6BD
RGB	214, 214, 189
RGB Percent	84%, 84%, 74%
CMY	0.1611, 0.1611, 0.2591
CMYK	0.00, 0.00, 0.12, 0.16
HSL	60°, 23%, 79%
HSV	60°, 12%, 84%
XYZ	60.9108, 66.0070, 57.6294
YIQ	211.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

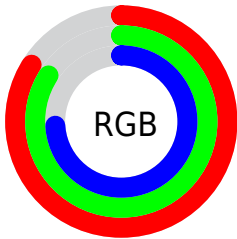
Format	Color
R _{YB}	189, 214, 189
Decimal	14079677
CIE Lab	85.00, -4.27, 12.36
CIE LCh	85, 13.074, 109.050
Yxy	66.0070, 0.3301, 0.3577
Android (android.graphics.Color)	4292269757 (0xFFD6D6BD)
YUV	211.1500, -10.9199, 2.4995
Hunter-Lab	81.2447, -8.3531, 14.8151

Details

The CIELCh color **85, 13.074, 109.050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 13.431, 291.416**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **65, 12.703, 108.810** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.184, 108.089**, and if you desaturate by 10%, it is **86, 1.883, 109.989**.

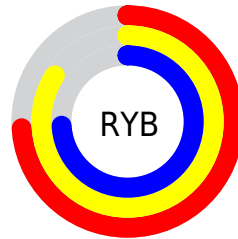
Distribution



Red (84%)

Green (84%)

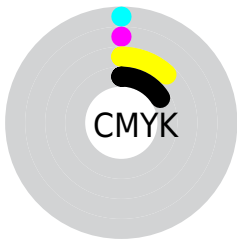
Blue (74%)



Red (74%)

Yellow (84%)

Blue (74%)

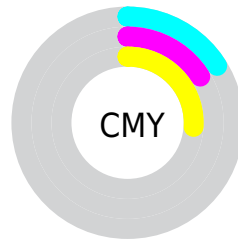


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 13.074, 109.050 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, 13.074, 109.050 by changing the saturation by 10% instead.


 85, 13.074,
109.050


 85, 13.074,
109.050


 100, 13.074,
109.050


 75, 13.074,
109.050

 65, 13.074,
109.050

 55, 13.074,
109.050

 45, 13.074,
109.050

 35, 13.074,
109.050

 25, 13.074,
109.050

 15, 13.074,

109.050

■ 5, 13.074, 109.050

■ 0, 13.074, 109.050

■ 85, 13.074,
109.050

■ 85, 13.074,
109.050

■ 85, 24.184,
108.089

■ 86, 1.883, 109.989

■ 84, 35.120,
107.126

■ 86, 9.339, 290.975

■ 84, 45.746,
106.190

■ 87, 20.550,
291.885

■ 84, 55.852,
105.307

■ 87, 21.544,
291.968

■ 83, 65.118,

■ 87, 21.544,
291.971

104.508

87, 21.544,
291.975

83, 73.100,
103.832

87, 21.544,
291.979

83, 79.268,
103.320

87, 21.544,
291.982

83, 83.172,
103.002

87, 21.544,
291.986

83, 84.880,
102.864

Harmonies

Complementary

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



85, 13.074, 109.050



77, 13.431, 291.416

Rectangle

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



85, 13.074, 109.050



85, 13.074, 159.050



85, 13.074, 289.050



85, 13.074, 339.050

Sweetspot

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



85, 13.076, 109.057



100, 5.161, 109.785



79, 9.443, 20.110



53, 3.669, 109.714



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, 13.076, 109.057



99, 18.052, 108.820



84, 13.950, 128.557



45, 6.359, 109.275



68, 71.786, 102.864



17, 25.020, 104.505

Inverse Universe

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



77, 13.431, 291.416



89, 18.644, 291.704



78, 14.179, 309.588



41, 6.500, 291.161



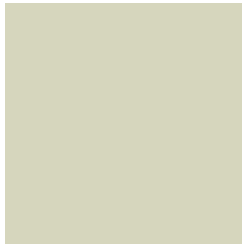
20, 99.122, 306.288



2, 27.577, 294.047

Previews

White Background



This preview shows how the CIELCh color 85, 13.074, 109.050 looks on a white background.

Color Contrast Check

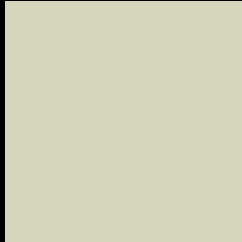
Large Text (above 18pt) WCAG AA × Fail

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, 13.074, 109.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

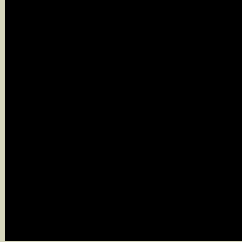
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

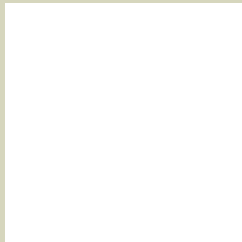
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 13.074, 109.050

Background



This preview shows how black text looks on a background with the CIELCh color 85, 13.074, 109.050.

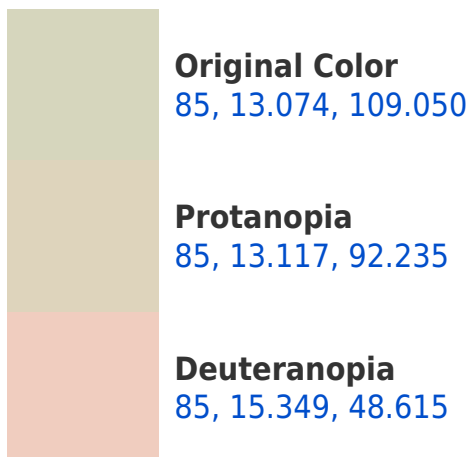


This preview shows how white text looks on a background with the CIELCh color 85, 13.074, 109.050.

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](#).

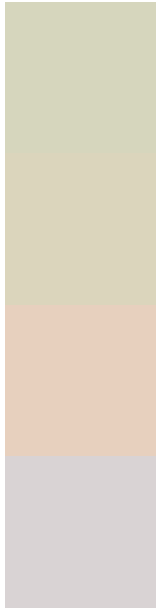
Dichromacy





Tritanopia
85, 9.187, 313.588

Trichromacy



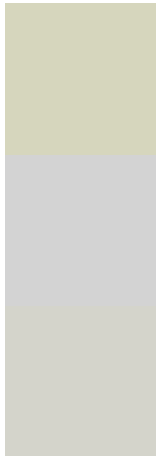
Original Color
85, 13.074, 109.050

Protanomaly
85, 13.265, 99.168

Deuteranomaly
85, 12.912, 66.515

Tritanomaly
85, 2.249, 5.822

Monochromacy



Original Color
85, 13.074, 109.050

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.715, 109.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 13.074, 109.050 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(214, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 189)  
}
```

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(214, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 13.074, 109.050 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(214, 214, 189) }
```

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

```
.border{ border-color:rgb(214, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 13.074, 109.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 189) }
```

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

```
.background{ background-color: rgb(214,  
214, 189) }
```

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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