

Converting Colors

CIELCh(85, 10.229, 111.110)

Have a look what the booklet for
CIELCh(85, 10.229, 111.110)
contains.

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Color

CIELCh(85, 10.474, 111.318)

Conversions

Conversions Part 1

Format	Color
Hex	D5D6C2
RGB	213, 214, 194
RGB Percent	84%, 84%, 76%
CMY	0.1654, 0.1615, 0.2399
CMYK	0.00, 0.00, 0.09, 0.16
HSL	63°, 20%, 80%
HSV	63°, 9%, 84%
XYZ	61.1058, 66.0070, 60.4535
YIQ	211.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

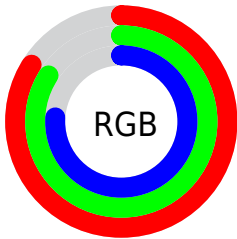
Format	Color
RYB	194, 214, 195
Decimal	14014146
CIELab	85.00, -3.81, 9.76
CIELCh	85, 10.474, 111.318
Yxy	66.0070, 0.3258, 0.3519
Android (android.graphics.Color)	4292204226 (0xFFD5D6C2)
YUV	211.4210, -8.5886, 1.3848
Hunter-Lab	81.2447, -7.9247, 12.7541

Details

The CIELCh color **85, 10.474, 111.318** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 10.708, 293.039**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **65, 10.512, 111.217** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.617, 110.435**, and if you desaturate by 10%, it is **86, 0.736, 292.276**.

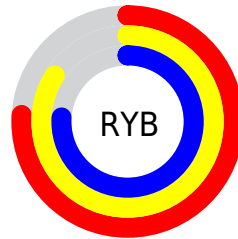
Distribution



Red (84%)

Green (84%)

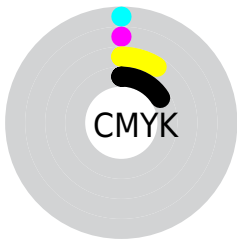
Blue (76%)



Red (76%)

Yellow (84%)

Blue (76%)

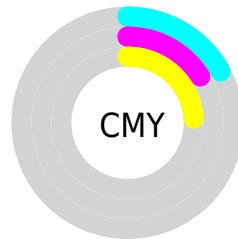


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (17%)


Magenta (16%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.474, 111.318 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, 10.474, 111.318 by changing the saturation by 10% instead.


 85, 10.474,
111.318


 85, 10.474,
111.318


 100, 10.474,
111.318


 75, 10.474,
111.318


 65, 10.474,
111.318

 55, 10.474,
111.318

 45, 10.474,
111.318

 35, 10.474,
111.318

 25, 10.474,
111.318

 15, 10.474,

111.318

■ 5, 10.474, 111.318

■ 0, 10.474, 111.318

■ 85, 10.474,
111.318

■ 85, 10.474,
111.318

■ 84, 21.617,
110.435

■ 86, 0.736, 292.276

■ 84, 32.607,
109.545

■ 86, 11.964,
293.072

■ 84, 43.325,
108.677

■ 87, 21.622,
293.914

■ 83, 53.579,
107.857

■ 87, 21.642,
294.861

■ 83, 63.083,

■ 87, 21.667,
295.808

107.123

87, 21.698,
296.755

83, 71.425,
106.520

87, 21.735,
297.701

82, 78.087,
106.103

87, 21.778,
298.646

82, 82.578,
105.921

87, 21.826,
299.590

82, 84.895,
105.974

Harmonies

Complementary

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



85, 10.474, 111.318



79, 10.708, 293.039

Rectangle

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



85, 10.474, 111.318



85, 10.474, 161.318



85, 10.474, 291.318



85, 10.474, 341.318

Sweetspot

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



85, 10.476, 111.326



100, 3.872, 111.876



80, 7.130, 24.138



53, 2.937, 111.807



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, 10.476, 111.326



99, 14.208, 111.171



84, 11.288, 130.408



45, 6.365, 111.320



67, 71.926, 105.933



17, 25.039, 107.367

Inverse Universe

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



79, 10.708, 293.039



91, 14.576, 293.219



80, 11.427, 311.185



41, 6.507, 293.046



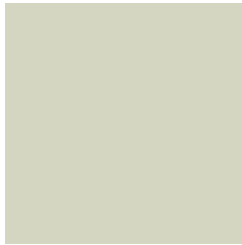
20, 98.859, 306.450



2, 27.625, 295.297

Previews

White Background



This preview shows how the CIELCh color 85, 10.474, 111.318 looks on a white background.

Color Contrast Check

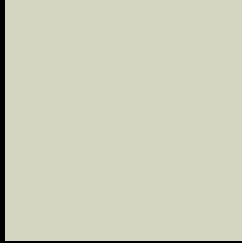
Large Text (above 18pt) WCAG AA × Fail

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, 10.474, 111.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

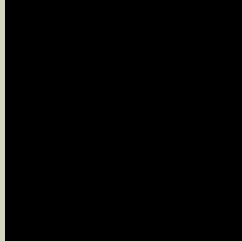
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

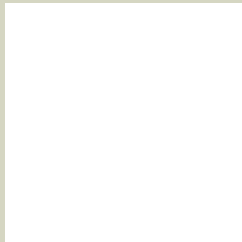
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.474, 111.318

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.474, 111.318.

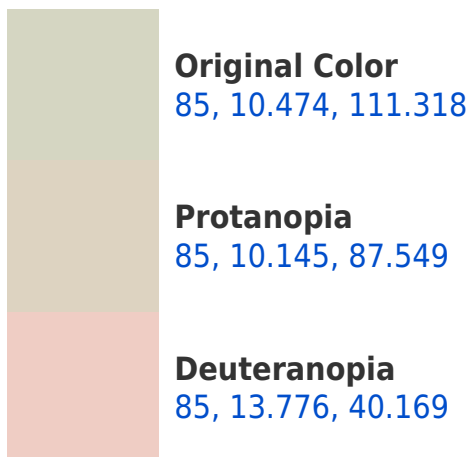


This preview shows how white text looks on a background with the CIELCh color 85, 10.474, 111.318.

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, 9.431, 308.367

Trichromacy



Original Color
85, 10.474, 111.318

Protanomaly
85, 10.192, 96.529

Deuteranomaly
85, 10.468, 60.275

Tritanomaly
85, 2.159, 332.301

Monochromacy



Original Color
85, 10.474, 111.318

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.666, 109.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.474, 111.318 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(213, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 194)  
}
```

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(213, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.474, 111.318 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(213, 214, 194) }
```

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

```
.border{ border-color:rgb(213, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.474, 111.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 194) }
```

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

```
.background{ background-color: rgb(213,  
214, 194) }
```

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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