

Converting Colors

CIELCh(85, 10.678, 74.971)

Have a look what the booklet for
CIELCh(85, 10.678, 74.971) contains.

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Color

CIELCh(85, 10.767, 75.191)

Conversions

Conversions Part 1

Format	Color
Hex	E2D2C1
RGB	226, 210, 193
RGB Percent	89%, 82%, 76%
CMY	0.1143, 0.1770, 0.2437
CMYK	0.00, 0.07, 0.15, 0.11
HSL	31°, 36%, 82%
HSV	31°, 15%, 89%
XYZ	63.9350, 66.0070, 59.7370
YIQ	212.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

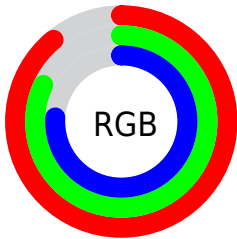
Format	Color
RYB	224, 226, 193
Decimal	14865089
CIELab	85.00, 2.75, 10.41
CIElCh	85, 10.767, 75.191
Yxy	66.0070, 0.3371, 0.3480
Android (android.graphics.Color)	4293055169 (0xFFE2D2C1)
YUV	212.8460, -9.7841, 11.5361
Hunter-Lab	81.2447, -1.7088, 13.2770

Details

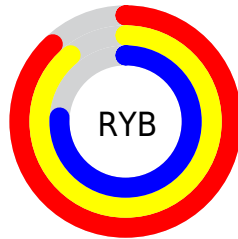
The CIELCh color **85, 10.767, 75.191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 10.413, 259.108**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **65, 10.989, 78.165** is the 20% darker color. If you saturate the color by 10%, you get **82, 18.550, 73.945**, and if you desaturate by 10%, it is **88, 3.319, 76.375**.

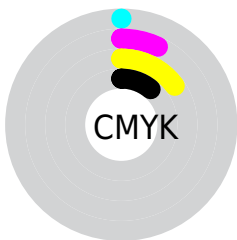
Distribution



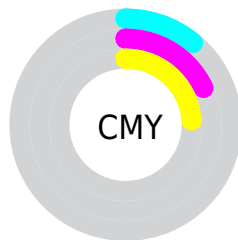
- Red (89%)
- Green (82%)
- Blue (76%)



- Red (88%)
- Yellow (89%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 10.767, 75.191 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, 10.767, 75.191 by changing the saturation by 10% instead.

 85, 10.767, 75.191

 85, 10.767, 75.191

 100, 10.767,
75.191

 75, 10.767, 75.191

 65, 10.767, 75.191

 55, 10.767, 75.191

 45, 10.767, 75.191

 35, 10.767, 75.191

 25, 10.767, 75.191

 15, 10.767, 75.191

 5, 10.767, 75.191

 0, 10.767, 75.191

85, 10.767, 75.191

85, 10.767, 75.191

82, 18.550, 73.945

88, 3.319, 76.375

79, 26.682, 72.658

92, 3.821, 257.814

75, 35.153, 71.353

95, 8.424, 247.974

73, 43.904, 70.022

98, 9.442, 203.101

70, 52.780, 68.637

98, 9.893, 198.848

67, 61.438, 67.118

64, 69.214, 65.294

62, 75.074, 62.855

61, 77.489, 61.337

Harmonies

Complementary

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



85, 10.767, 75.191



83, 10.413, 259.108

Rectangle

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



85, 10.767, 75.191



85, 10.767, 125.191



85, 10.767, 255.191



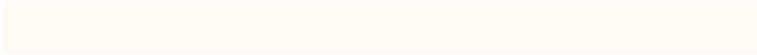
85, 10.767, 305.191

Sweetspot

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



85, 10.768, 75.205



99, 3.174, 76.429



81, 14.948, 344.879



52, 2.260, 76.357



0, 0.000, 0.000



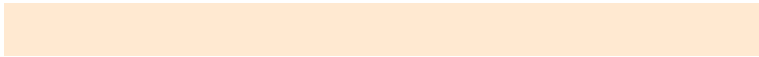
53, 0.007, 296.813

Same Dimension

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



85, 10.768, 75.205



93, 14.756, 74.767



89, 17.068, 108.762



45, 4.115, 75.834



48, 64.104, 62.010



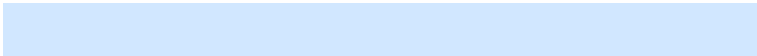
12, 19.660, 61.962

Inverse Universe

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



83, 10.413, 259.108



91, 14.138, 259.664



79, 17.649, 291.760



45, 4.035, 258.359



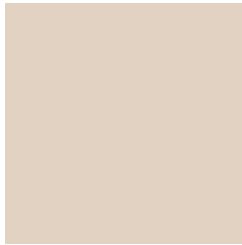
37, 56.163, 285.366



8, 19.464, 276.229

Previews

White Background



This preview shows how the CIELCh color 85, 10.767, 75.191 looks on a white background.

Color Contrast Check

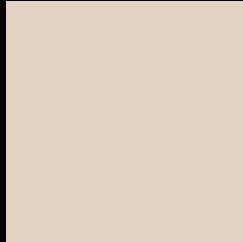
Large Text (above 18pt) WCAG AA × Fail

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, 10.767, 75.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

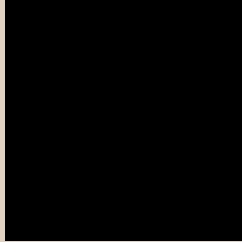
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

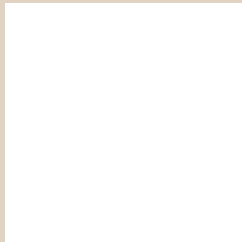
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.767, 75.191

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.767, 75.191.

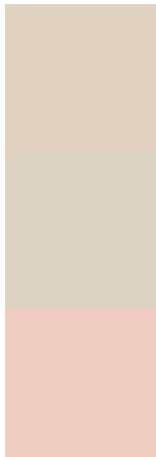


This preview shows how white text looks on a background with the CIELCh color 85, 10.767, 75.191.

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, 10.767, 75.191

Protanopia

85, 9.881, 91.642

Deuteranopia

85, 14.580, 43.419



Tritanopia
85, 12.108, 336.375

Trichromacy



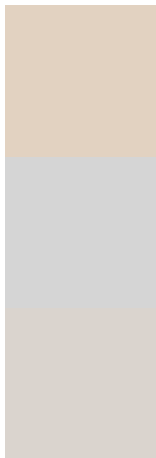
Original Color
85, 10.767, 75.191

Protanomaly
85, 9.810, 84.431

Deuteranomaly
85, 12.665, 52.399

Tritanomaly
85, 7.998, 4.769

Monochromacy



Original Color
85, 10.767, 75.191

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.820, 74.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.767, 75.191 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(226, 210, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 193)  
}
```

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(226, 210, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.767, 75.191 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(226, 210, 193) }
```

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

```
.border{ border-color:rgb(226, 210, 193) }
```

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

Here you see how a box with a 4 pixel rgb(226, 210, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.767, 75.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 193) }
```

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

```
.background{ background-color: rgb(226,  
210, 193) }
```

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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