

Converting Colors

CIELCh(85, 15.060, 71.690)

Have a look what the booklet for
CIELCh(85, 15.060, 71.690) contains.

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Color

CIELCh(85, 14.807, 70.616)

Conversions

Conversions Part 1

Format	Color
Hex	E8D0BA
RGB	232, 208, 186
RGB Percent	91%, 82%, 73%
CMY	0.0891, 0.1832, 0.2695
CMYK	0.00, 0.10, 0.20, 0.09
HSL	29°, 50%, 82%
HSV	29°, 20%, 91%
XYZ	64.8864, 66.0070, 55.9263
YIQ	212.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

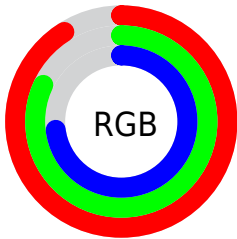
Format	Color
R _Y B	232, 228, 186
Decimal	15257786
CIE Lab	85.00, 4.91, 13.97
CIE LCh	85, 14.807, 70.616
Yxy	66.0070, 0.3473, 0.3533
Android (android.graphics.Color)	4293447866 (0xFFE8D0BA)
YUV	212.6680, -13.1473, 16.9542
Hunter-Lab	81.2447, 0.3815, 16.0580

Details

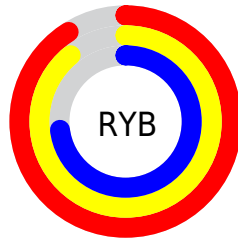
The CIELCh color $85, 14.807, 70.616$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83, 13.950, 255.856$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.580, 109.674$, and $65, 14.803, 71.195$ is the 20% darker color. If you saturate the color by 10%, you get $82, 22.865, 69.418$, and if you desaturate by 10%, it is $89, 7.147, 71.807$.

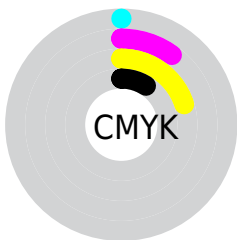
Distribution



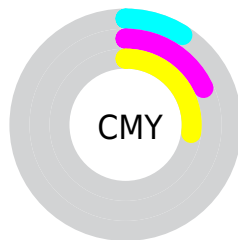
- Red (91%)
- Green (82%)
- Blue (73%)



- Red (91%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 14.807, 70.616 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, 14.807, 70.616 by changing the saturation by 10% instead.

 85, 14.807, 70.616

 85, 14.807, 70.616

 100, 14.807,
70.616

 75, 14.807, 70.616

 65, 14.807, 70.616

 55, 14.807, 70.616

 45, 14.807, 70.616

 35, 14.807, 70.616

 25, 14.807, 70.616

 15, 14.807, 70.616

 5, 14.807, 70.616

 0, 14.807, 70.616

85, 14.807, 70.616

85, 14.807, 70.616

82, 22.865, 69.418

89, 7.147, 71.807

78, 31.336, 68.201

92, 0.144, 256.049

75, 40.198, 66.981

96, 6.718, 251.727

72, 49.364, 65.741

98, 7.760, 199.000

69, 58.609, 64.430

66, 67.446, 62.920

63, 74.971, 60.949

60, 80.359, 58.291

60, 80.459, 58.243

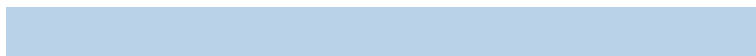
Harmonies

Complementary

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



85, 14.807, 70.616



83, 13.950, 255.856

Rectangle

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



85, 14.807, 70.616



85, 14.807, 120.616



85, 14.807, 250.616



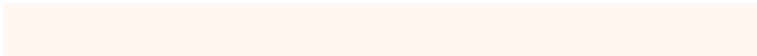
85, 14.807, 300.616

Sweetspot

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



85, 14.807, 70.627



98, 4.669, 72.222



80, 21.296, 343.572



52, 3.103, 72.153



0, 0.000, 0.000



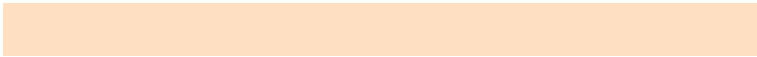
53, 0.007, 296.813

Same Dimension

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



85, 14.807, 70.627



91, 19.566, 70.107



91, 22.884, 106.839



47, 4.169, 71.845



48, 66.510, 58.903



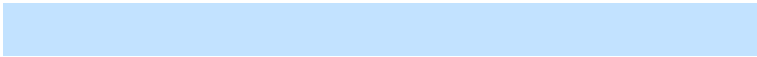
13, 22.193, 58.616

Inverse Universe

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



83, 13.950, 255.856



88, 18.164, 256.598



77, 23.887, 291.115



47, 4.064, 254.313



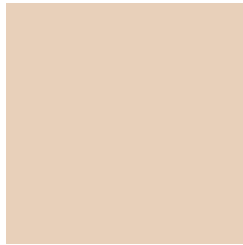
40, 53.383, 281.785



10, 19.822, 273.416

Previews

White Background



This preview shows how the CIELCh color 85, 14.807, 70.616 looks on a white background.

Color Contrast Check

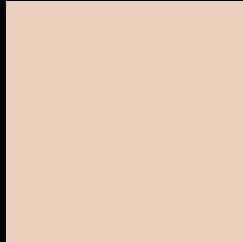
Large Text (above 18pt) WCAG AA × Fail

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, 14.807, 70.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

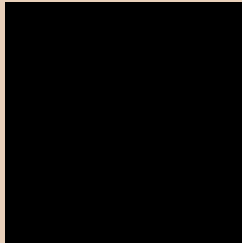
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 14.807, 70.616

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.807, 70.616.



This preview shows how white text looks on a background with the CIELCh color 85, 14.807, 70.616.

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, 14.807, 70.616

Protanopia

85, 13.117, 92.235

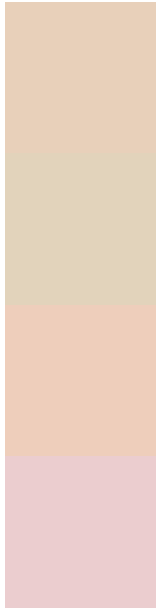
Deuteranopia

85, 17.214, 53.232



Tritanopia
85, 14.673, 345.664

Trichromacy



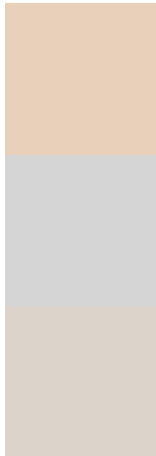
Original Color
85, 14.807, 70.616

Protanomaly
85, 13.813, 84.569

Deuteranomaly
85, 15.921, 58.540

Tritanomaly
85, 11.192, 14.861

Monochromacy



Original Color
85, 14.807, 70.616

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.334, 71.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.807, 70.616 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(232, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 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(232, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.807, 70.616 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(232, 208, 186) }
```

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

```
.border{ border-color:rgb(232, 208, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 208, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 208, 186); box-shadow:4px 4px 4px 4px rgb(232, 208, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.807, 70.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 186) }
```

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

```
.background{ background-color: rgb(232,  
208, 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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