

Converting Colors

CIELCh(85, 6.935, 24.793)

Have a look what the booklet for
CIELCh(85, 6.935, 24.793) contains.

CIELCh(85, 7.035, 24.107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 7.035, 24.107)

Conversions

Conversions Part 1

Format	Color
Hex	E3D0CF
RGB	227, 208, 207
RGB Percent	89%, 82%, 81%
CMY	0.1095, 0.1840, 0.1879
CMYK	0.00, 0.08, 0.09, 0.11
HSL	3°, 26%, 85%
HSV	3°, 9%, 89%
XYZ	65.5550, 66.0070, 68.3711
YIQ	213.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

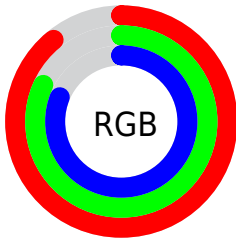
Format	Color
R _Y B	227, 208, 207
Decimal	14930127
CIE Lab	85.00, 6.42, 2.87
CIE LCh	85, 7.035, 24.107
Yxy	66.0070, 0.3279, 0.3301
Android (android.graphics.Color)	4293120207 (0xFFE3D0CF)
YUV	213.5670, -3.2375, 11.7807
Hunter-Lab	81.2447, 1.8505, 6.9761

Details

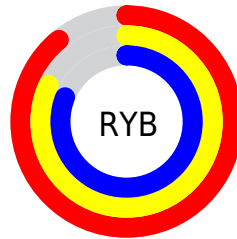
The CIELCh color $85, 7.035, 24.107$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 6.646, 203.569$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 7.080, 24.464$ is the 20% darker color. If you saturate the color by 10%, you get $79, 15.644, 24.777$, and if you desaturate by 10%, it is $91, 0.914, 204.434$.

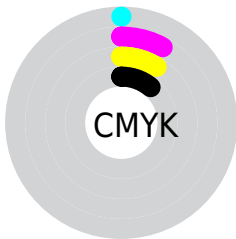
Distribution



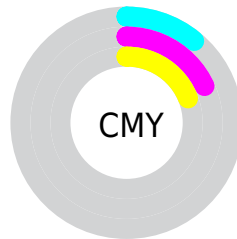
- Red (89%)
- Green (82%)
- Blue (81%)



- Red (89%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (11%)

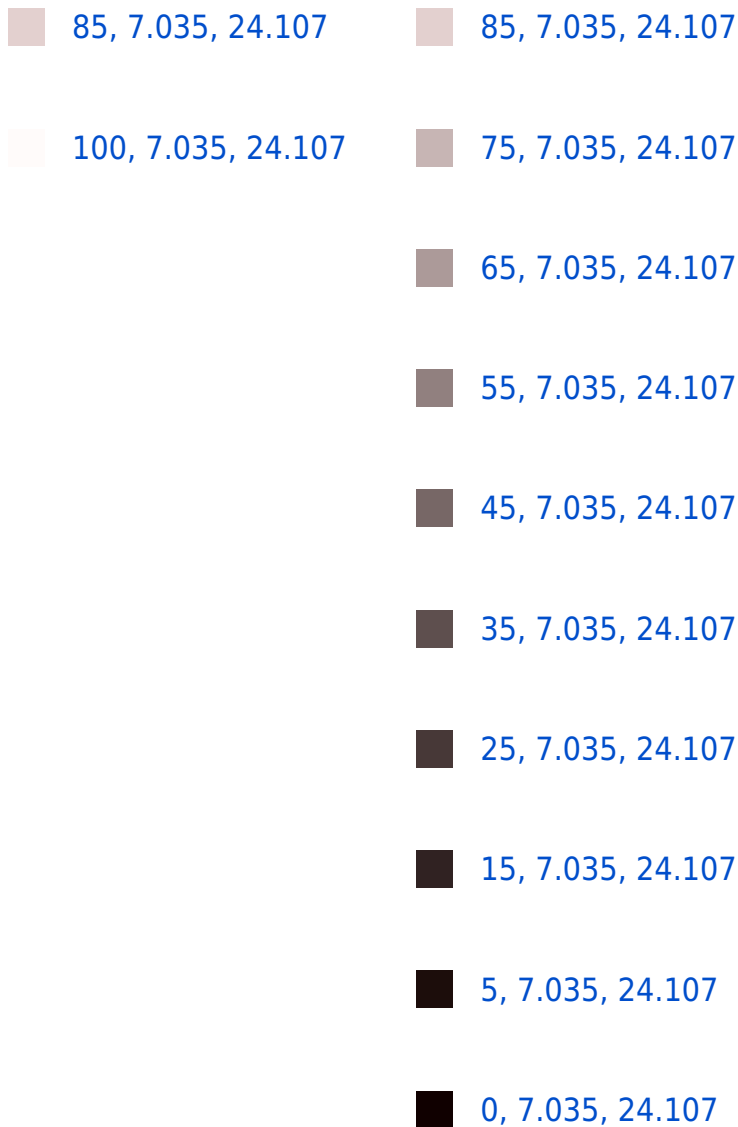


- Cyan (11%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.035, 24.107 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, 7.035, 24.107 by changing the saturation by 10% instead.



85, 7.035, 24.107

85, 7.035, 24.107

79, 15.644, 24.777

91, 0.914, 204.434

73, 24.946, 25.609

97, 8.249, 203.512

68, 34.925, 26.711

98, 9.485, 198.876

63, 45.500, 28.172

58, 56.500, 30.079

54, 67.635, 32.485

51, 78.430, 35.314

49, 87.954, 38.143

48, 94.506, 40.143

Harmonies

Complementary

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



85, 7.035, 24.107



89, 6.646, 203.569

Rectangle

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



85, 7.035, 24.107



85, 7.035, 74.107



85, 7.035, 204.107



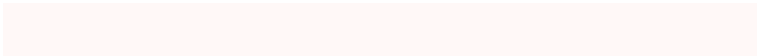
85, 7.035, 254.107

Sweetspot

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



85, 7.034, 24.125



98, 2.571, 23.677



85, 12.339, 326.279



52, 1.955, 23.768



0, 0.000, 0.000



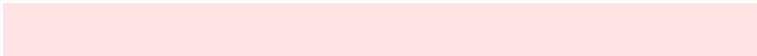
53, 0.007, 296.813

Same Dimension

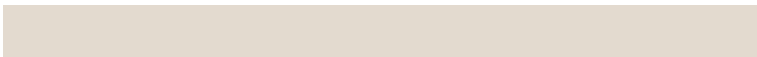
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 7.034, 24.125



93, 9.739, 24.264



88, 6.606, 79.470



45, 4.587, 24.165



37, 79.292, 40.538



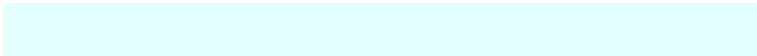
7, 26.154, 24.342

Inverse Universe

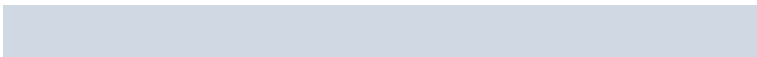
The Inverse Universe completely reimagines the original color for something new.



89, 6.646, 203.569



98, 9.064, 203.474



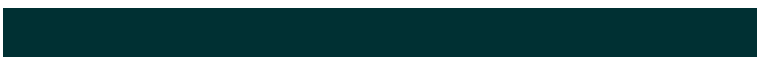
86, 6.518, 261.860



47, 4.315, 203.540



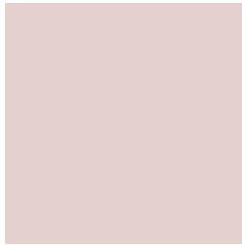
63, 35.875, 204.698



17, 15.196, 203.335

Previews

White Background



This preview shows how the CIELCh color 85, 7.035, 24.107 looks on a white background.

Color Contrast Check

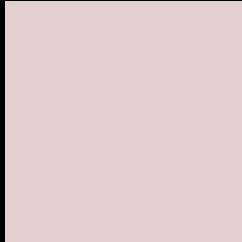
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 7.035, 24.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

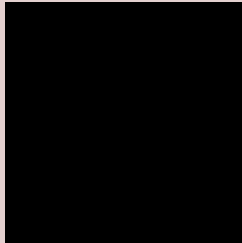
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

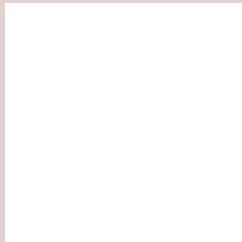
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.035, 24.107

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.035, 24.107.

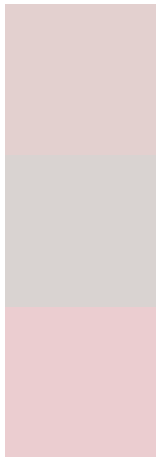


This preview shows how white text looks on a background with the CIELCh color 85, 7.035, 24.107.

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, 7.035, 24.107

Protanopia

85, 2.416, 45.024

Deuteranopia

85, 11.234, 12.205



Tritanopia
85, 11.852, 335.123

Trichromacy



Original Color
85, 7.035, 24.107

Protanomaly
85, 4.161, 34.133

Deuteranomaly
85, 9.680, 13.889

Tritanomaly
85, 9.291, 345.694

Monochromacy



Original Color
85, 7.035, 24.107

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 2.597, 30.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.035, 24.107 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(227, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 207)  
}
```

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(227, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.035, 24.107 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(227, 208, 207) }
```

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

```
.border{ border-color:rgb(227, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.035, 24.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 207) }
```

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

```
.background{ background-color: rgb(227,  
208, 207) }
```

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