

Converting Colors

CIELCh(85, 7.223, 89.876)

Have a look what the booklet for
CIELCh(85, 7.223, 89.876) contains.

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Color

CIELCh(85, 7.151, 91.398)

Conversions

Conversions Part 1

Format	Color
Hex	DAD4C7
RGB	218, 212, 199
RGB Percent	85%, 83%, 78%
CMY	0.1457, 0.1692, 0.2202
CMYK	0.00, 0.03, 0.09, 0.15
HSL	41°, 20%, 82%
HSV	41°, 9%, 85%
XYZ	62.6623, 66.0070, 63.3774
YIQ	212.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

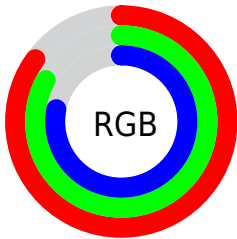
Format	Color
R _Y B	208, 218, 199
Decimal	14341319
CIE Lab	85.00, -0.17, 7.15
CIE LCh	85, 7.151, 91.398
Yxy	66.0070, 0.3263, 0.3437
Android (android.graphics.Color)	4292531399 (0xFFDAD4C7)
YUV	212.3120, -6.5628, 4.9884
Hunter-Lab	81.2447, -4.5050, 10.6204

Details

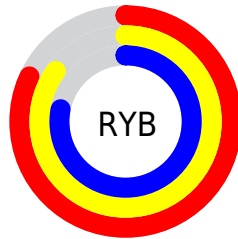
The CIELCh color **85, 7.151, 91.398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 7.166, 273.676**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 7.045, 89.750** is the 20% darker color. If you saturate the color by 10%, you get **83, 15.513, 90.163**, and if you desaturate by 10%, it is **87, 1.050, 272.906**.

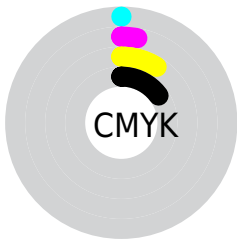
Distribution



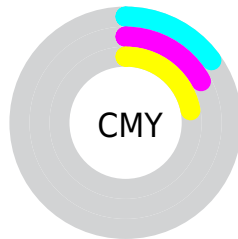
- Red (85%)
- Green (83%)
- Blue (78%)



- Red (82%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.151, 91.398 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, 7.151, 91.398 by changing the saturation by 10% instead.



85, 7.151, 91.398

85, 7.151, 91.398

83, 15.513, 90.163

87, 1.050, 272.906

81, 24.018, 88.856

90, 9.095, 273.877

78, 32.628, 87.508

92, 12.540,
268.065

76, 41.258, 86.119

93, 10.690,
248.303

74, 49.742, 84.680

72, 57.770, 83.165

95, 10.445,
224.560

71, 64.813, 81.512

97, 11.873,
203.442

69, 70.095, 79.600

67, 73.040, 77.296

97, 12.499,
198.671

Harmonies

Complementary

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



85, 7.151, 91.398



82, 7.166, 273.676

Rectangle

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



85, 7.151, 91.398



85, 7.151, 141.398



85, 7.151, 271.398



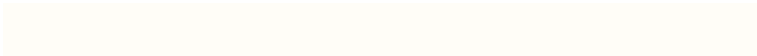
85, 7.151, 321.398

Sweetspot

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



85, 7.152, 91.415



99, 2.773, 92.053



82, 7.700, 355.574



53, 2.106, 91.975



0, 0.000, 0.000



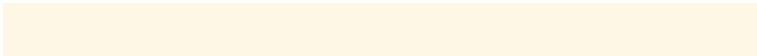
53, 0.007, 296.813

Same Dimension

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



85, 7.152, 91.415



97, 9.334, 91.248



86, 10.005, 116.744



45, 4.685, 91.328



54, 61.915, 77.456



13, 19.739, 80.423

Inverse Universe

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



82, 7.166, 273.676



94, 9.347, 273.861



81, 10.203, 297.989



43, 4.693, 273.772



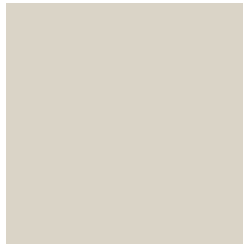
29, 74.949, 297.396



5, 23.066, 286.191

Previews

White Background



This preview shows how the CIELCh color 85, 7.151, 91.398 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, 7.151, 91.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

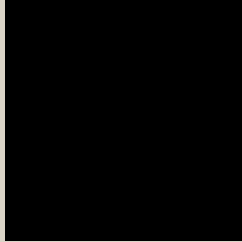
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

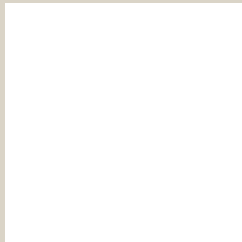
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.151, 91.398

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.151, 91.398.

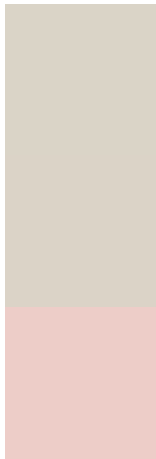


This preview shows how white text looks on a background with the CIELCh color 85, 7.151, 91.398.

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

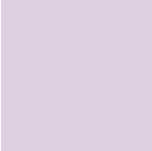
85, 7.151, 91.398

Protanopia

85, 6.942, 84.219

Deuteranopia

85, 12.344, 32.430



Tritanopia
85, 9.844, 321.317

Trichromacy



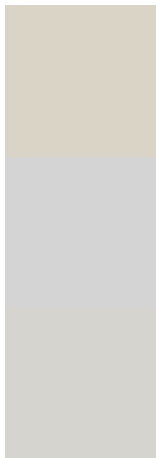
Original Color
85, 7.151, 91.398

Protanomaly
85, 6.942, 84.219

Deuteranomaly
85, 9.371, 42.912

Tritanomaly
85, 5.111, 341.593

Monochromacy



Original Color
85, 7.151, 91.398

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.708, 94.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.151, 91.398 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(218, 212, 199)` looks like.

```
.text, #text, p{  
    color:rgb(218, 212, 199)  
}
```

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(218, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 212, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.151, 91.398 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(218, 212, 199) }
```

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

```
.border{ border-color:rgb(218, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(218, 212,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.151, 91.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 212, 199) }
```

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

```
.background{ background-color: rgb(218,  
212, 199) }
```

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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