

Converting Colors

CIELCh(85, 8.065, 84.855)

Have a look what the booklet for
CIELCh(85, 8.065, 84.855) contains.

CIELCh(85, 8.056, 84.845)	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, 8.056, 84.845)

Conversions

Conversions Part 1

Format	Color
Hex	DCD3C5
RGB	220, 211, 197
RGB Percent	86%, 83%, 77%
CMY	0.1363, 0.1716, 0.2265
CMYK	0.00, 0.04, 0.10, 0.14
HSL	37°, 25%, 82%
HSV	37°, 10%, 86%
XYZ	63.0512, 66.0070, 62.3868
YIQ	212.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

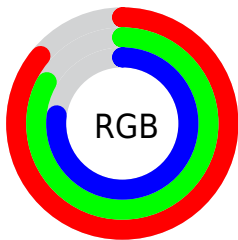
Format	Color
R _Y B	212, 220, 197
Decimal	14472133
CIE Lab	85.00, 0.72, 8.02
CIE LCh	85, 8.056, 84.845
Yxy	66.0070, 0.3293, 0.3448
Android (android.graphics.Color)	4292662213 (0xFFDCD3C5)
YUV	212.0950, -7.4418, 6.9327
Hunter-Lab	81.2447, -3.6507, 11.3432

Details

The CIELCh color $85, 8.056, 84.845$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 7.992, 267.666$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.496, 109.985$, and $65, 8.370, 86.945$ is the 20% darker color. If you saturate the color by 10%, you get $82, 16.011, 83.569$, and if you desaturate by 10%, it is $88, 0.329, 85.243$.

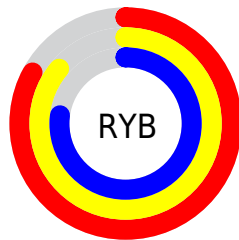
Distribution



Red (86%)

Green (83%)

Blue (77%)



Red (83%)

Yellow (86%)

Blue (77%)

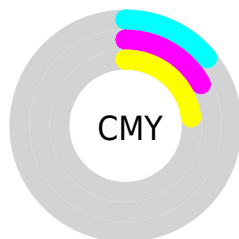


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (17%)


















Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.056, 84.845 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, 8.056, 84.845 by changing the saturation by 10% instead.



 85, 8.056, 84.845	 85, 8.056, 84.845
 82, 16.011, 83.569	 88, 0.329, 85.243
 80, 24.191, 82.226	 90, 7.183, 267.432
 77, 32.575, 80.843	 93, 10.723, 258.968
 75, 41.094, 79.417	 95, 9.714, 228.482
 72, 49.599, 77.933	 97, 11.491, 200.470
 70, 57.789, 76.344	 98, 11.722, 198.723
 68, 65.114, 74.551	
 66, 70.728, 72.365	
 64, 74.085, 69.798	

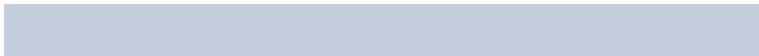
Harmonies

Complementary

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



85, 8.056, 84.845



83, 7.992, 267.666

Rectangle

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



85, 8.056, 84.845



85, 8.056, 134.845



85, 8.056, 264.845



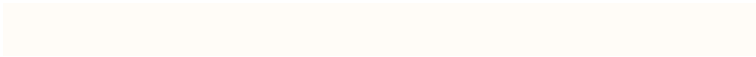
85, 8.056, 314.845

Sweetspot

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



85, 8.057, 84.861



99, 2.572, 85.712



82, 9.781, 350.323



53, 1.953, 85.639



0, 0.000, 0.000



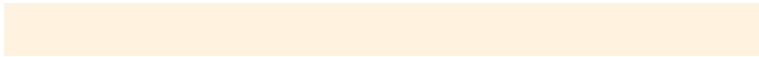
53, 0.007, 296.813

Same Dimension

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



85, 8.057, 84.861



96, 11.340, 84.524



87, 12.008, 113.260



45, 4.357, 84.988



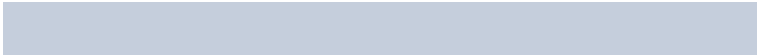
51, 61.924, 70.383



12, 18.856, 72.329

Inverse Universe

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



83, 7.992, 267.666



93, 11.213, 268.055



80, 12.298, 295.016



43, 4.327, 267.523



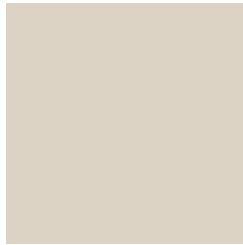
32, 66.157, 292.838



6, 21.148, 282.330

Previews

White Background



This preview shows how the CIELCh color 85, 8.056, 84.845 looks on a white background.

Color Contrast Check

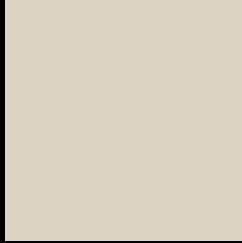
Large Text (above 18pt) WCAG AA × Fail

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, 8.056, 84.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

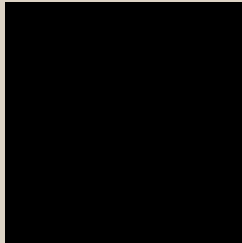
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

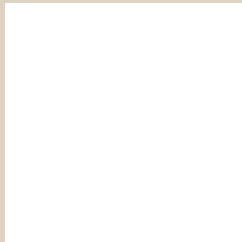
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.056, 84.845

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.056, 84.845.

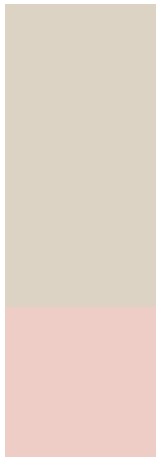


This preview shows how white text looks on a background with the CIELCh color 85, 8.056, 84.845.

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, 8.056, 84.845

Protanopia
85, 8.056, 84.845

Deuteranopia
85, 13.028, 36.518



Tritanopia
85, 10.871, 324.832

Trichromacy



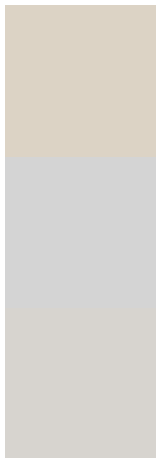
Original Color
85, 8.056, 84.845

Protanomaly
85, 8.056, 84.845

Deuteranomaly
85, 10.542, 46.454

Tritanomaly
85, 5.751, 352.614

Monochromacy



Original Color
85, 8.056, 84.845

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.825, 87.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.056, 84.845 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(220, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 211, 197)  
}
```

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(220, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 211, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.056, 84.845 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(220, 211, 197) }
```

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

```
.border{ border-color:rgb(220, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 211,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.056, 84.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 211, 197) }
```

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

```
.background{ background-color: rgb(220,  
211, 197) }
```

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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