

Converting Colors

CIELCh(85, 6.268, 69.067)

Have a look what the booklet for
CIELCh(85, 6.268, 69.067) contains.

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Color

CIELCh(85, 6.225, 68.716)

Conversions

Conversions Part 1

Format	Color
Hex	DDD2C9
RGB	221, 210, 201
RGB Percent	87%, 82%, 79%
CMY	0.1315, 0.1746, 0.2100
CMYK	0.00, 0.05, 0.09, 0.13
HSL	27°, 23%, 83%
HSV	27°, 9%, 87%
XYZ	63.7197, 66.0070, 64.9251
YIQ	212.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

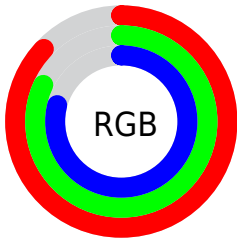
Format	Color
RYB	221, 217, 201
Decimal	14537417
CIELab	85.00, 2.26, 5.80
CIElCh	85, 6.225, 68.716
Yxy	66.0070, 0.3274, 0.3391
Android (android.graphics.Color)	4292727497 (0xFFDDD2C9)
YUV	212.2630, -5.5527, 7.6623
Hunter-Lab	81.2447, -2.1819, 9.4908

Details

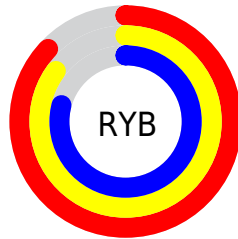
The CIELCh color $85, 6.225, 68.716$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 6.053, 251.018$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 6.352, 71.134$ is the 20% darker color. If you saturate the color by 10%, you get $81, 13.486, 67.629$, and if you desaturate by 10%, it is $89, 0.657, 250.618$.

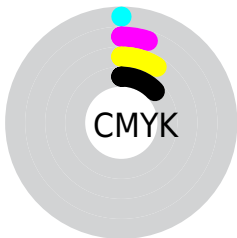
Distribution



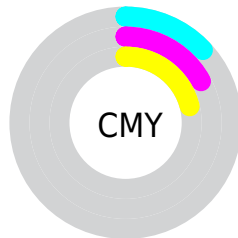
- Red (87%)
- Green (82%)
- Blue (79%)



- Red (87%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.225, 68.716 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, 6.225, 68.716 by changing the saturation by 10% instead.



85, 6.225, 68.716

85, 6.225, 68.716

81, 13.486, 67.629

89, 0.657, 250.618

78, 21.159, 66.493

92, 7.198, 251.133

74, 29.266, 65.362

96, 9.455, 224.777

71, 37.800, 64.242

98, 11.326,
198.750

68, 46.694, 63.121

65, 55.762, 61.954

62, 64.585, 60.621

59, 72.340, 58.868

57, 78.100, 56.415

Harmonies

Complementary

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



85, 6.225, 68.716



85, 6.053, 251.018

Rectangle

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



85, 6.225, 68.716



85, 6.225, 118.716



85, 6.225, 248.716



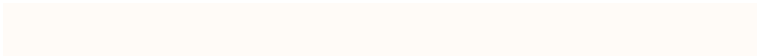
85, 6.225, 298.716

Sweetspot

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



85, 6.225, 68.739



99, 2.276, 69.282



83, 9.353, 341.727



52, 1.730, 69.236



0, 0.000, 0.000



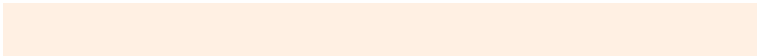
53, 0.007, 296.813

Same Dimension

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



85, 6.225, 68.739



96, 8.548, 68.517



88, 9.892, 107.192



44, 3.885, 68.697



45, 65.219, 56.866



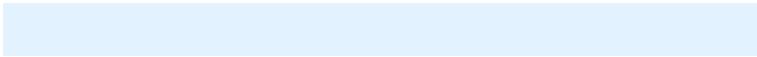
10, 18.435, 54.071

Inverse Universe

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



85, 6.053, 251.018



95, 8.247, 251.283



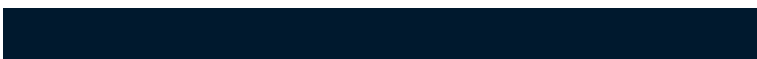
82, 10.084, 289.075



44, 3.772, 251.068



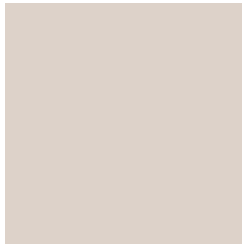
40, 48.678, 278.486



8, 16.729, 268.143

Previews

White Background



This preview shows how the CIELCh color 85, 6.225, 68.716 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, 6.225, 68.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

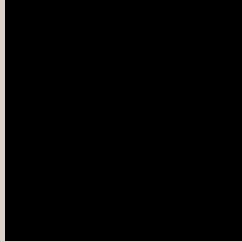
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

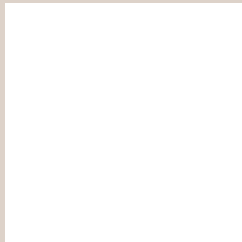
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.225, 68.716

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.225, 68.716.

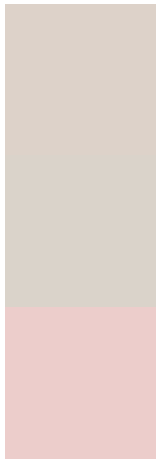


This preview shows how white text looks on a background with the CIELCh color 85, 6.225, 68.716.

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

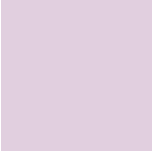
85, 6.225, 68.716

Protanopia

85, 5.363, 80.884

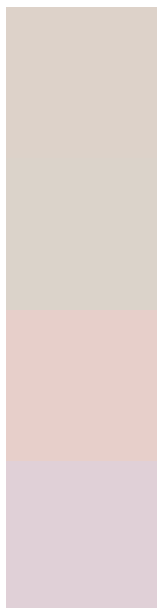
Deuteranopia

85, 11.655, 25.360



Tritanopia
85, 10.658, 328.048

Trichromacy



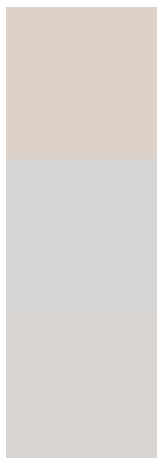
Original Color
85, 6.225, 68.716

Protanomaly
85, 5.551, 77.506

Deuteranomaly
85, 9.346, 36.210

Tritanomaly
85, 6.907, 347.721

Monochromacy



Original Color
85, 6.225, 68.716

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.128, 66.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.225, 68.716 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(221, 210, 201)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 201)  
}
```

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(221, 210, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.225, 68.716 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(221, 210, 201) }
```

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

```
.border{ border-color:rgb(221, 210, 201) }
```

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

Here you see how a box with a 4 pixel rgb(221, 210, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 201);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.225, 68.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 201) }
```

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

```
.background{ background-color: rgb(221,  
210, 201) }
```

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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