

Converting Colors

CIELCh(85, 6.218, 84.317)

Have a look what the booklet for
CIELCh(85, 6.218, 84.317) contains.

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Color

CIELCh(85, 6.005, 80.095)

Conversions

Conversions Part 1

Format	Color
Hex	DBD3C9
RGB	219, 211, 201
RGB Percent	86%, 83%, 79%
CMY	0.1404, 0.1717, 0.2110
CMYK	0.00, 0.04, 0.08, 0.14
HSL	33°, 20%, 82%
HSV	33°, 8%, 86%
XYZ	63.1853, 66.0070, 64.7921
YIQ	212.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

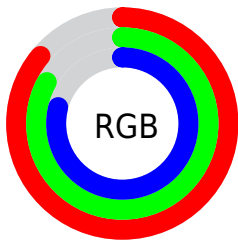
Format	Color
RYB	215, 219, 201
Decimal	14406601
CIELab	85.00, 1.03, 5.92
CIElCh	85, 6.005, 80.095
Yxy	66.0070, 0.3257, 0.3403
Android (android.graphics.Color)	4292596681 (0xFFDBD3C9)
YUV	212.2520, -5.5472, 5.9180
Hunter-Lab	81.2447, -3.3559, 9.5879

Details

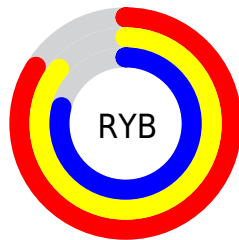
The CIELCh color **85, 6.005, 80.095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 5.938, 262.352**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 6.174, 83.003** is the 20% darker color. If you saturate the color by 10%, you get **82, 13.578, 78.858**, and if you desaturate by 10%, it is **88, 1.294, 261.698**.

Distribution



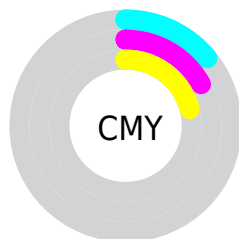
- Red (86%)
- Green (83%)
- Blue (79%)



- Red (84%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.005, 80.095 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, 6.005, 80.095 by changing the saturation by 10% instead.



85, 6.005, 80.095

85, 6.005, 80.095

82, 13.578, 78.858

88, 1.294, 261.698

79, 21.435, 77.545

91, 8.343, 262.684

76, 29.577, 76.198

94, 10.230,
246.510

73, 37.967, 74.820

96, 10.656,
212.333

71, 46.504, 73.397

68, 54.961, 71.888

98, 12.060,
198.700

66, 62.887, 70.194

63, 69.501, 68.119

61, 73.958, 65.418

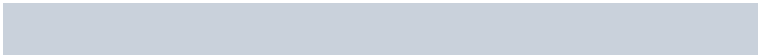
Harmonies

Complementary

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



85, 6.005, 80.095



84, 5.938, 262.352

Rectangle

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



85, 6.005, 80.095



85, 6.005, 130.095



85, 6.005, 260.095



85, 6.005, 310.095

Sweetspot

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



85, 6.006, 80.117



99, 1.628, 80.718



83, 7.878, 347.094



53, 0.925, 80.718



0, 0.000, 0.000



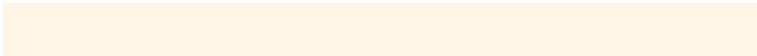
53, 0.007, 296.813

Same Dimension

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



85, 6.006, 80.117



97, 8.298, 79.889



87, 9.387, 111.417



45, 4.163, 79.969



49, 62.578, 65.559



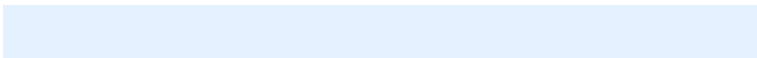
11, 18.492, 66.273

Inverse Universe

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



84, 5.938, 262.352



95, 8.173, 262.610



82, 9.573, 292.918



44, 4.105, 262.518



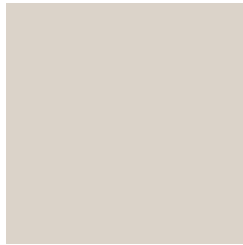
35, 60.025, 288.861



6, 19.694, 278.711

Previews

White Background



This preview shows how the CIELCh color 85, 6.005, 80.095 looks on a white background.

Color Contrast Check

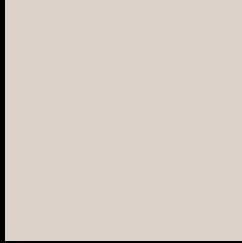
Large Text (above 18pt) WCAG AA × Fail

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, 6.005, 80.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

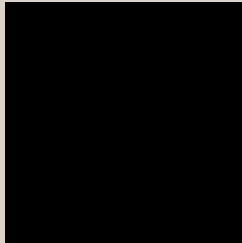
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

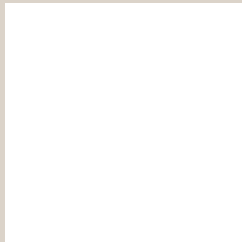
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.005, 80.095

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.005, 80.095.

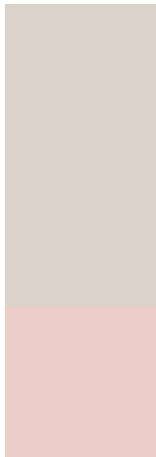


This preview shows how white text looks on a background with the CIELCh color 85, 6.005, 80.095.

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

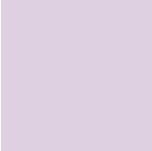
85, 6.005, 80.095

Protanopia

85, 6.005, 80.095

Deuteranopia

85, 11.736, 27.881



Tritanopia
85, 9.844, 321.317

Trichromacy



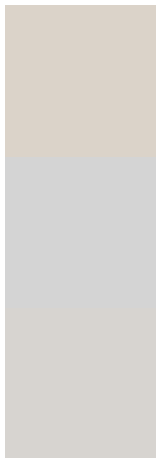
Original Color
85, 6.005, 80.095

Protanomaly
85, 6.005, 80.095

Deuteranomaly
85, 8.980, 36.865

Tritanomaly
85, 5.723, 339.761

Monochromacy



Original Color
85, 6.005, 80.095

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.349, 82.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.005, 80.095 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(219, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 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(219, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.005, 80.095 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(219, 211, 201) }
```

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

```
.border{ border-color:rgb(219, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.005, 80.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 201) }
```

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

```
.background{ background-color: rgb(219,  
211, 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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