

Converting Colors

CIELCh(85, 6.293, 340.407)

Have a look what the booklet for
CIELCh(85, 6.293, 340.407) contains.

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Color

CIELCh(85, 6.005, 342.031)

Conversions

Conversions Part 1

Format	Color
Hex	DED1D8
RGB	222, 209, 216
RGB Percent	87%, 82%, 85%
CMY	0.1299, 0.1808, 0.1534
CMYK	0.00, 0.06, 0.03, 0.13
HSL	328°, 16%, 84%
HSV	328°, 6%, 87%
XYZ	65.2398, 66.0070, 74.1887
YIQ	213.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

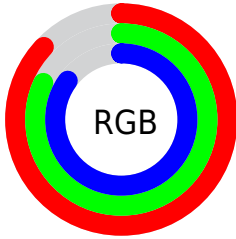
Format	Color
R _Y B	222, 209, 216
Decimal	14602712
CIE Lab	85.00, 5.71, -1.85
CIE LCh	85, 6.005, 342.031
Yxy	66.0070, 0.3176, 0.3213
Android (android.graphics.Color)	4292792792 (0xFFDED1D8)
YUV	213.6850, 1.1413, 7.2923
Hunter-Lab	81.2447, 1.1578, 2.7306

Details

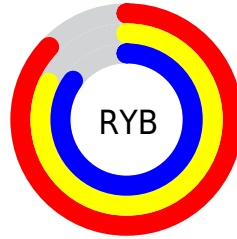
The CIELCh color `85, 6.005, 342.031` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 5.954, 161.247`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 5.701, 344.173` is the 20% darker color. If you saturate the color by 10%, you get `79, 16.423, 342.935`, and if you desaturate by 10%, it is `91, 4.176, 161.432`.

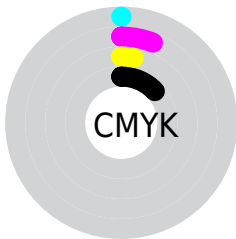
Distribution



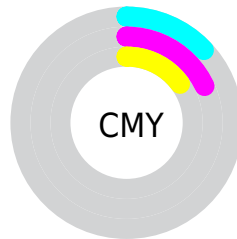
- Red (87%)
- Green (82%)
- Blue (85%)



- Red (87%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.005, 342.031 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, 342.031 by changing the saturation by 10% instead.

85, 6.005, 342.031

85, 6.005, 342.031

100, 6.005,
342.031

75, 6.005, 342.031

65, 6.005, 342.031

55, 6.005, 342.031

45, 6.005, 342.031

35, 6.005, 342.031

25, 6.005, 342.031

15, 6.005, 342.031

5, 6.005, 342.031

0, 6.005, 342.031

85, 6.005, 342.031

85, 6.005, 342.031

79, 16.423,
342.935

91, 4.176, 161.432

74, 26.967,
343.890

97, 14.050,
160.646

68, 37.438,
344.955

98, 12.216,
178.121

63, 47.534,
346.171

98, 11.191,
198.759

59, 56.839,
347.593

55, 64.836,
349.300

52, 70.985,
351.406

50, 74.888,
354.052

■ 48, 76.503,
357.388

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, 342.031



87, 5.954, 161.247

Rectangle

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



85, 6.005, 342.031



85, 6.005, 32.031



85, 6.005, 162.031



85, 6.005, 212.031

Sweetspot

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



85, 6.003, 342.038



99, 2.289, 341.595



85, 7.188, 307.560



53, 1.301, 341.577



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, 6.003, 342.038



95, 8.043, 342.148



85, 4.773, 15.554



45, 4.708, 342.193



38, 64.727, 358.257



6, 26.857, 351.892

Inverse Universe

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



85, 6.003, 342.038



95, 8.043, 342.148



87, 4.616, 194.984



45, 4.708, 342.193



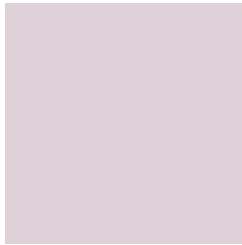
38, 64.727, 358.257



6, 26.857, 351.892

Previews

White Background



This preview shows how the CIELCh color 85, 6.005, 342.031 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, 342.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

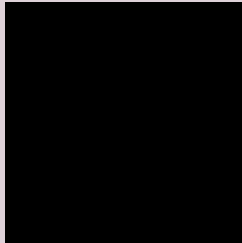
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

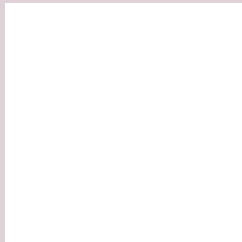
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.005, 342.031

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.005, 342.031.

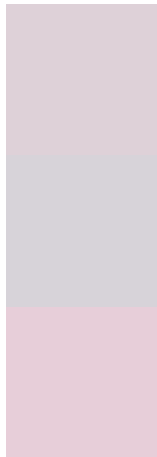


This preview shows how white text looks on a background with the CIELCh color 85, 6.005, 342.031.

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, 342.031

Protanopia

85, 3.492, 314.731

Deuteranopia

85, 10.803, 347.938



Tritanopia
85, 10.031, 323.093

Trichromacy



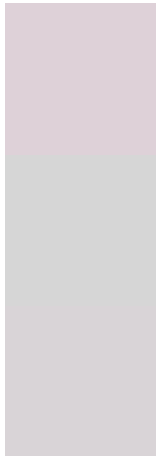
Original Color
85, 6.005, 342.031

Protanomaly
85, 4.707, 328.193

Deuteranomaly
85, 9.291, 345.694

Tritanomaly
85, 8.752, 328.667

Monochromacy



Original Color
85, 6.005, 342.031

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 2.417, 338.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.005, 342.031 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(222, 209, 216)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 216)  
}
```

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(222, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.005, 342.031 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(222, 209, 216) }
```

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

```
.border{ border-color:rgb(222, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.005, 342.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 216) }
```

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

```
.background{ background-color: rgb(222,  
209, 216) }
```

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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