

Converting Colors

CIELCh(85, 8.025, 345.599)

Have a look what the booklet for
CIELCh(85, 8.025, 345.599) contains.

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Color

CIELCh(85, 7.801, 347.395)

Conversions

Conversions Part 1

Format	Color
Hex	E2D0D8
RGB	226, 208, 216
RGB Percent	89%, 82%, 85%
CMY	0.1150, 0.1856, 0.1542
CMYK	0.00, 0.08, 0.04, 0.12
HSL	333°, 23%, 85%
HSV	333°, 8%, 88%
XYZ	66.0869, 66.0070, 73.9990
YIQ	214.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

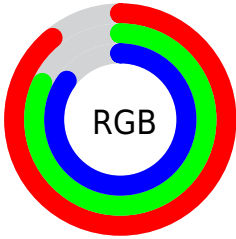
Format	Color
R _Y B	226, 208, 216
Decimal	14864600
CIE Lab	85.00, 7.61, -1.70
CIE LCh	85, 7.801, 347.395
Yxy	66.0070, 0.3207, 0.3203
Android (android.graphics.Color)	4293054680 (0xFFE2D0D8)
YUV	214.2940, 0.8411, 10.2662
Hunter-Lab	81.2447, 3.0191, 2.8690

Details

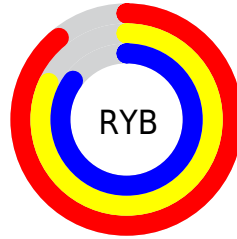
The CIELCh color `85, 7.801, 347.395` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 7.691, 166.132`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 7.624, 349.529` is the 20% darker color. If you saturate the color by 10%, you get `79, 17.812, 348.401`, and if you desaturate by 10%, it is `91, 1.943, 166.838`.

Distribution



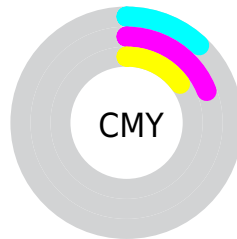
- Red (89%)
- Green (82%)
- Blue (85%)



- Red (89%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.801, 347.395 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, 7.801, 347.395 by changing the saturation by 10% instead.

■ 85, 7.801, 347.395

■ 85, 7.801, 347.395

■ 100, 7.801,
347.395

■ 75, 7.801, 347.395

■ 65, 7.801, 347.395

■ 55, 7.801, 347.395

■ 45, 7.801, 347.395

■ 35, 7.801, 347.395

■ 25, 7.801, 347.395

■ 15, 7.801, 347.395

■ 5, 7.801, 347.395

■ 0, 7.801, 347.395

85, 7.801, 347.395

85, 7.801, 347.395

79, 17.812,
348.401

91, 1.943, 166.838

73, 27.982,
349.505

97, 11.355,
165.859

68, 38.110,
350.772

98, 10.040,
193.828

63, 47.895,
352.264

98, 9.953, 198.844

59, 56.917,
354.064

55, 64.668,
356.292

52, 70.652,
359.103

50, 74.576, 2.674

Harmonies

Complementary

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



85, 7.801, 347.395



88, 7.691, 166.132

Rectangle

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



85, 7.801, 347.395



85, 7.801, 37.395



85, 7.801, 167.395



85, 7.801, 217.395

Sweetspot

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



85, 7.799, 347.402



99, 2.146, 346.698



85, 10.157, 311.123



53, 1.220, 346.677



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, 7.799, 347.402



93, 10.833, 347.607



85, 6.314, 24.054



44, 5.541, 347.546



37, 63.915, 7.169



6, 25.957, 358.749

Inverse Universe

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



85, 7.799, 347.402



93, 10.833, 347.607



88, 5.999, 203.589



44, 5.541, 347.546



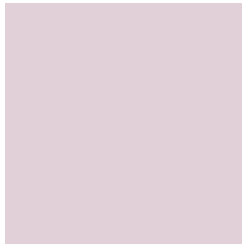
37, 63.915, 7.169



6, 25.957, 358.749

Previews

White Background



This preview shows how the CIELCh color 85, 7.801, 347.395 looks on a white background.

Color Contrast Check

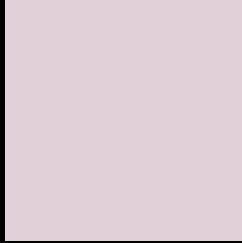
Large Text (above 18pt) WCAG AA × Fail

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, 7.801, 347.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

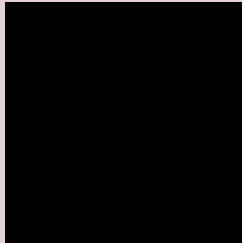
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

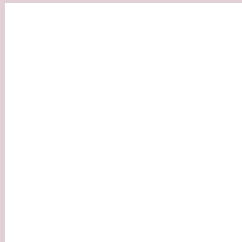
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.801, 347.395

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.801, 347.395.



This preview shows how white text looks on a background with the CIELCh color 85, 7.801, 347.395.

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





Tritanopia
85, 11.110, 331.047

Trichromacy



Original Color
85, 7.801, 347.395

Protanomaly
85, 4.707, 328.193

Deuteranomaly
85, 9.325, 349.679

Tritanomaly
85, 9.982, 336.975

Monochromacy



Original Color
85, 7.801, 347.395

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 2.701, 343.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.801, 347.395 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(226, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 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(226, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.801, 347.395 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(226, 208, 216) }
```

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

```
.border{ border-color:rgb(226, 208, 216) }
```

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

Here you see how a box with a 4 pixel rgb(226, 208, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.801, 347.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 216) }
```

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

```
.background{ background-color: rgb(226,  
208, 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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