

Converting Colors

CIELCh(84, 8.787, 338.854)

Have a look what the booklet for
CIELCh(84, 8.787, 338.854) contains.

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Color

CIELCh(84, 8.763, 338.674)

Conversions

Conversions Part 1

Format	Color
Hex	DFCDD8
RGB	223, 205, 216
RGB Percent	87%, 80%, 85%
CMY	0.1269, 0.1974, 0.1543
CMYK	0.00, 0.08, 0.03, 0.13
HSL	323°, 22%, 84%
HSV	323°, 8%, 87%
XYZ	64.4181, 64.0658, 73.6968
YIQ	211.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

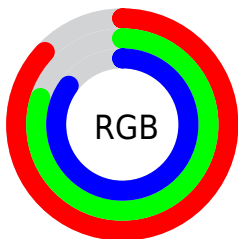
Format	Color
R _Y B	223, 205, 216
Decimal	14667224
CIE Lab	84.00, 8.16, -3.19
CIE LCh	84, 8.763, 338.674
Yxy	64.0658, 0.3186, 0.3169
Android (android.graphics.Color)	4292857304 (0xFFDFCDD8)
YUV	211.6360, 2.1515, 9.9662
Hunter-Lab	80.0411, 3.5871, 1.4383

Details

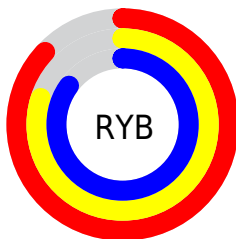
The CIELCh color `84, 8.763, 338.674` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 8.698, 157.555`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 8.600, 339.911` is the 20% darker color. If you saturate the color by 10%, you get `78, 19.763, 339.502`, and if you desaturate by 10%, it is `90, 2.047, 158.180`.

Distribution



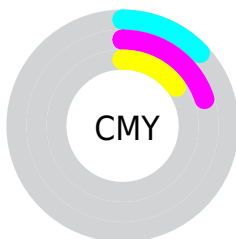
- Red (87%)
- Green (80%)
- Blue (85%)



- Red (87%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 8.763, 338.674 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 84, 8.763, 338.674 by changing the saturation by 10% instead.

84, 8.763, 338.674

84, 8.763, 338.674

100, 8.763,
338.674

74, 8.763, 338.674

64, 8.763, 338.674

54, 8.763, 338.674

44, 8.763, 338.674

34, 8.763, 338.674

24, 8.763, 338.674

14, 8.763, 338.674

4, 8.763, 338.674

0, 8.763, 338.674

84, 8.763, 338.674

84, 8.763, 338.674

78, 19.763,
339.502

90, 2.047, 158.180

73, 30.813,
340.381

96, 12.574,
157.332

68, 41.675,
341.347

97, 13.217,
167.487

63, 52.005,
342.428

98, 11.342,
186.457

59, 61.342,
343.668

98, 10.943,
198.776

55, 69.135,
345.129

52, 74.844,
346.898

50, 78.105,
349.088

■ 49,79.025,
351.800

Harmonies

Complementary

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



84, 8.763, 338.674



87, 8.698, 157.555

Rectangle

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



84, 8.763, 338.674



84, 8.763, 28.674



84, 8.763, 158.674



84, 8.763, 208.674

Sweetspot

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



84, 8.761, 338.678



99, 2.411, 338.086



83, 9.860, 305.301



53, 1.371, 338.069



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 8.761, 338.678



94, 12.125, 338.841



84, 6.723, 10.403



44, 6.203, 338.790



38, 66.537, 351.835



7, 27.861, 346.861

Inverse Universe

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



84, 8.761, 338.678



94, 12.125, 338.841



87, 6.459, 189.244



44, 6.203, 338.790



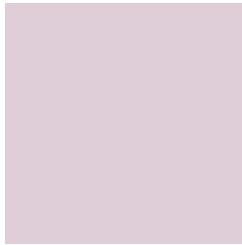
38, 66.537, 351.835



7, 27.861, 346.861

Previews

White Background



This preview shows how the CIELCh color 84, 8.763, 338.674 looks on a white background.

Color Contrast Check

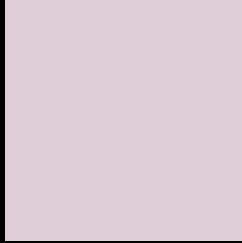
Large Text (above 18pt) WCAG AA × Fail

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 84, 8.763, 338.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

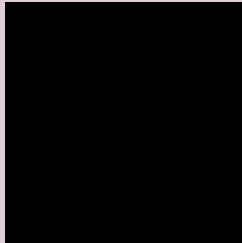
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

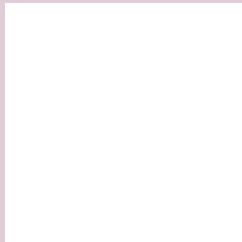
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 8.763, 338.674

Background



This preview shows how black text looks on a background with the CIELCh color 84, 8.763, 338.674.

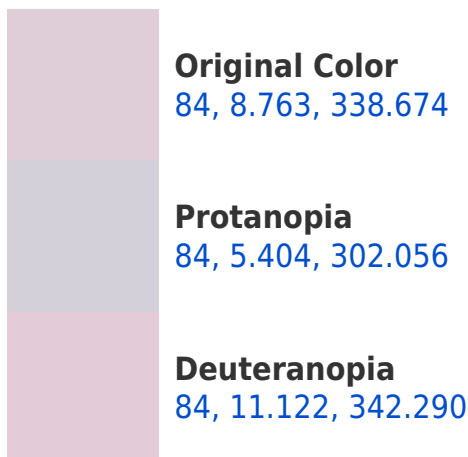


This preview shows how white text looks on a background with the CIELCh color 84, 8.763, 338.674.

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
84, 10.909, 329.583

Trichromacy



Original Color
84, 8.763, 338.674

Protanomaly
84, 6.043, 318.977

Deuteranomaly
84, 9.937, 340.681

Tritanomaly
84, 10.122, 333.364

Monochromacy



Original Color
84, 8.763, 338.674

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 3.048, 335.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 8.763, 338.674 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(223, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 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(223, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 8.763, 338.674 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(223, 205, 216) }
```

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

```
.border{ border-color:rgb(223, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 8.763, 338.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 205, 216) }
```

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

```
.background{ background-color: rgb(223,  
205, 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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