

Converting Colors

CIELCh(84, 7.384, 351.827)

Have a look what the booklet for
CIELCh(84, 7.384, 351.827) contains.

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Color

CIELCh(84, 7.556, 350.775)

Conversions

Conversions Part 1

Format	Color
Hex	DFCDD4
RGB	223, 205, 212
RGB Percent	87%, 80%, 83%
CMY	0.1257, 0.1963, 0.1688
CMYK	0.00, 0.08, 0.05, 0.13
HSL	337°, 22%, 84%
HSV	337°, 8%, 87%
XYZ	64.1085, 64.0658, 71.2373
YIQ	211.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

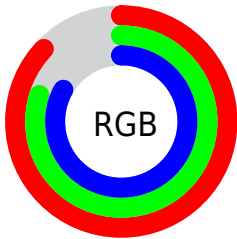
Format	Color
R _Y B	223, 205, 212
Decimal	14667220
CIE Lab	84.00, 7.46, -1.21
CIE LCh	84, 7.556, 350.775
Yxy	64.0658, 0.3215, 0.3213
Android (android.graphics.Color)	4292857300 (0xFFDFCDD4)
YUV	211.1800, 0.4043, 10.3661
Hunter-Lab	80.0411, 2.8968, 3.2601

Details

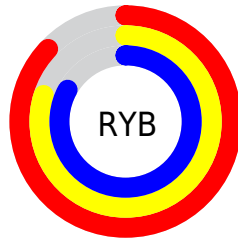
The CIELCh color $84, 7.556, 350.775$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 7.424, 169.453$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $64, 7.392, 353.276$ is the 20% darker color. If you saturate the color by 10%, you get $78, 17.174, 351.834$, and if you desaturate by 10%, it is $90, 1.765, 170.223$.

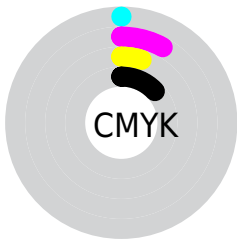
Distribution



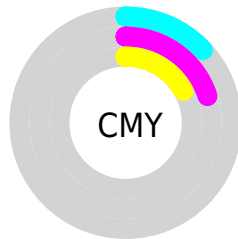
- Red (87%)
- Green (80%)
- Blue (83%)



- Red (87%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.556, 350.775 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, 7.556, 350.775 by changing the saturation by 10% instead.

■ 84, 7.556, 350.775

■ 84, 7.556, 350.775

■ 100, 7.556,
350.775

■ 74, 7.556, 350.775

■ 64, 7.556, 350.775

■ 54, 7.556, 350.775

■ 44, 7.556, 350.775

■ 34, 7.556, 350.775

■ 24, 7.556, 350.775

■ 14, 7.556, 350.775

■ 4, 7.556, 350.775

■ 0, 7.556, 350.775

84, 7.556, 350.775

84, 7.556, 350.775

78, 17.174,
351.834

90, 1.765, 170.223

73, 26.994,
353.008

96, 10.734,
169.189

67, 36.835,
354.372

98, 10.967,
192.945

62, 46.413,
355.999

98, 10.845,
198.782

58, 55.335,
357.986

54, 63.123, 0.468

51, 69.317, 3.615

49, 73.667, 7.605

48, 76.414, 12.503

Harmonies

Complementary

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



84, 7.556, 350.775



87, 7.424, 169.453

Rectangle

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



84, 7.556, 350.775



84, 7.556, 40.775



84, 7.556, 170.775



84, 7.556, 220.775

Sweetspot

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



84, 7.554, 350.783



99, 2.070, 350.032



84, 10.300, 312.805



53, 1.177, 350.009



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, 7.554, 350.783



93, 10.470, 350.989



84, 6.053, 28.714



44, 5.354, 350.924



37, 64.316, 12.551



6, 25.635, 2.466

Inverse Universe

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



84, 7.554, 350.783



93, 10.470, 350.989



87, 5.746, 208.566



44, 5.354, 350.924



37, 64.316, 12.551



6, 25.635, 2.466

Previews

White Background



This preview shows how the CIELCh color 84, 7.556, 350.775 looks on a white background.

Color Contrast Check

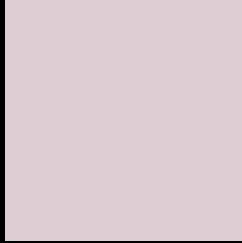
Large Text (above 18pt) WCAG AA × Fail

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, 7.556, 350.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

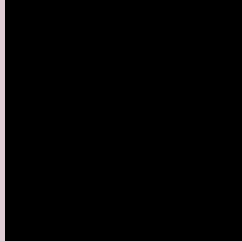
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

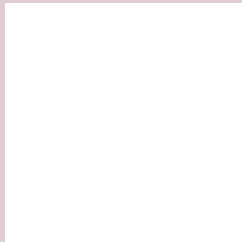
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.556, 350.775

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.556, 350.775.

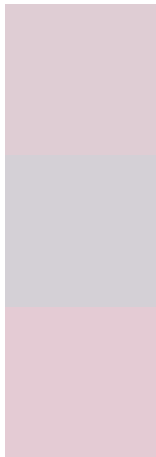


This preview shows how white text looks on a background with the CIELCh color 84, 7.556, 350.775.

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

84, 7.556, 350.775

Protanopia

84, 3.501, 314.733

Deuteranopia

84, 10.328, 352.925



Tritanopia
84, 11.139, 331.054

Trichromacy



Original Color
84, 7.556, 350.775

Protanomaly
84, 4.571, 335.875

Deuteranomaly
84, 9.103, 352.559

Tritanomaly
84, 10.008, 336.984

Monochromacy



Original Color
84, 7.556, 350.775

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 2.434, 353.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.556, 350.775 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 205, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 205, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.556, 350.775 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, 212) }
```

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

```
.border{ border-color:rgb(223, 205, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 205,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.556, 350.775 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, 212) }
```

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

```
.background{ background-color: rgb(223,  
205, 212) }
```

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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