

Converting Colors

CIELCh(84, 3.702, 27.679)

Have a look what the booklet for
CIELCh(84, 3.702, 27.679) contains.

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Color

CIELCh(84, 3.702, 27.679)

Conversions

Conversions Part 1

Format	Color
Hex	D9CFCE
RGB	217, 207, 206
RGB Percent	85%, 81%, 81%
CMY	0.1477, 0.1869, 0.1908
CMYK	0.00, 0.05, 0.05, 0.15
HSL	5°, 13%, 83%
HSV	5°, 5%, 85%
XYZ	62.2926, 64.0658, 67.6902
YIQ	209.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

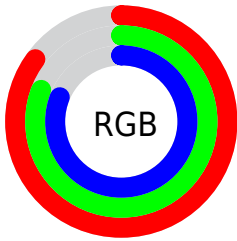
Format	Color
RYB	217, 207, 206
Decimal	14274510
CIELab	84.00, 3.28, 1.72
CIElCh	84, 3.702, 27.679
Yxy	64.0658, 0.3210, 0.3302
Android (android.graphics.Color)	4292464590 (0xFFD9CFCE)
YUV	209.8760, -1.9109, 6.2477
Hunter-Lab	80.0411, -1.1529, 5.8876

Details

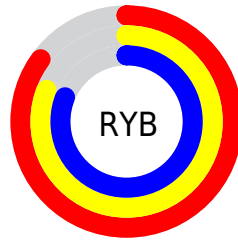
The CIELCh color **84, 3.702, 27.679** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 3.584, 207.782**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 3.540, 28.620** is the 20% darker color. If you saturate the color by 10%, you get **79, 11.475, 28.190**, and if you desaturate by 10%, it is **90, 3.467, 207.801**.

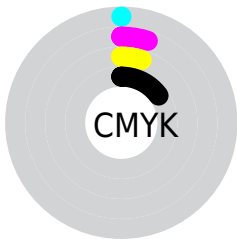
Distribution



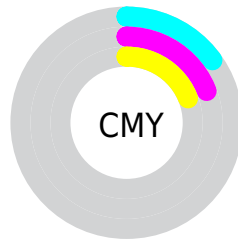
- Red (85%)
- Green (81%)
- Blue (81%)



- Red (85%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.702, 27.679 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, 3.702, 27.679 by changing the saturation by 10% instead.

■ 84, 3.702, 27.679

■ 84, 3.702, 27.679

■ 100, 3.702, 27.679

■ 74, 3.702, 27.679

■ 64, 3.702, 27.679

■ 54, 3.702, 27.679

■ 44, 3.702, 27.679

■ 34, 3.702, 27.679

■ 24, 3.702, 27.679

■ 14, 3.702, 27.679

■ 4, 3.702, 27.679

■ 0, 3.702, 27.679

84, 3.702, 27.679

84, 3.702, 27.679

79, 11.475, 28.190

90, 3.467, 207.801

73, 19.899, 28.749

95, 10.086,
207.542

68, 28.994, 29.517

97, 12.661,
198.660

63, 38.734, 30.567

59, 49.027, 31.970

54, 59.686, 33.781

51, 70.370, 35.980

48, 80.415, 38.335

47, 88.375, 40.144

Harmonies

Complementary

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



84, 3.702, 27.679



86, 3.584, 207.782

Rectangle

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



84, 3.702, 27.679



84, 3.702, 77.679



84, 3.702, 207.679



84, 3.702, 257.679

Sweetspot

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



84, 3.701, 27.712



99, 1.644, 27.380



84, 6.673, 327.017



53, 0.934, 27.356



0, 0.000, 0.000



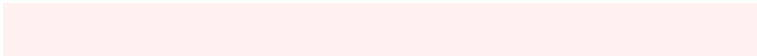
53, 0.007, 296.813

Same Dimension

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



84, 3.701, 27.712



96, 5.014, 27.769



85, 3.740, 83.151



44, 2.945, 27.798



37, 76.919, 41.081



6, 22.432, 24.937

Inverse Universe

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



86, 3.584, 207.782



99, 4.824, 207.735



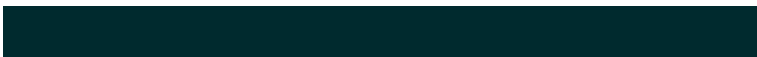
84, 3.733, 264.611



45, 2.823, 207.713



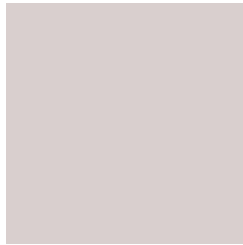
59, 33.673, 212.367



15, 13.720, 209.335

Previews

White Background



This preview shows how the CIELCh color 84, 3.702, 27.679 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, 3.702, 27.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

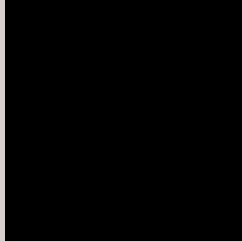
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

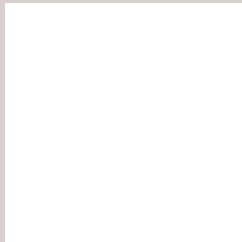
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.702, 27.679

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.702, 27.679.

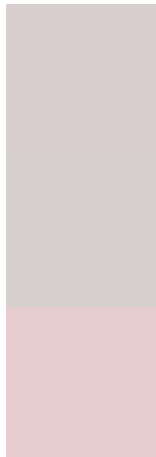


This preview shows how white text looks on a background with the CIELCh color 84, 3.702, 27.679.

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, 3.702, 27.679

Protanopia

84, 2.248, 32.833

Deuteranopia

84, 10.214, 8.306



Tritanopia
84, 10.057, 323.098

Trichromacy



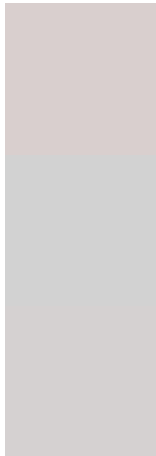
Original Color
84, 3.702, 27.679

Protanomaly
84, 2.607, 31.000

Deuteranomaly
84, 7.454, 11.814

Tritanomaly
84, 7.099, 331.957

Monochromacy



Original Color
84, 3.702, 27.679

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 1.456, 19.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.702, 27.679 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(217, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 206)  
}
```

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(217, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.702, 27.679 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(217, 207, 206) }
```

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

```
.border{ border-color:rgb(217, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 207, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 207, 206); box-shadow:4px 4px 4px 4px rgb(217, 207, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.702, 27.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 206) }
```

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

```
.background{ background-color: rgb(217,  
207, 206) }
```

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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