

Converting Colors

CIELCh(84, 10.614, 89.466)

Have a look what the booklet for
CIELCh(84, 10.614, 89.466) contains.

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Color

CIELCh(84, 10.527, 90.447)

Conversions

Conversions Part 1

Format	Color
Hex	DAD1BE
RGB	218, 209, 190
RGB Percent	85%, 82%, 75%
CMY	0.1460, 0.1813, 0.2558
CMYK	0.00, 0.04, 0.13, 0.15
HSL	41°, 27%, 80%
HSV	41°, 13%, 85%
XYZ	60.8578, 64.0658, 57.7440
YIQ	209.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

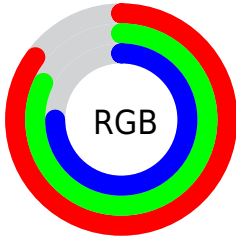
Format	Color
R _Y B	203, 218, 190
Decimal	14340542
CIE Lab	84.00, -0.08, 10.53
CIE LCh	84, 10.527, 90.447
Yxy	64.0658, 0.3332, 0.3507
Android (android.graphics.Color)	4292530622 (0xFFDAD1BE)
YUV	209.5250, -9.6258, 7.4326
Hunter-Lab	80.0411, -4.3527, 13.2552

Details

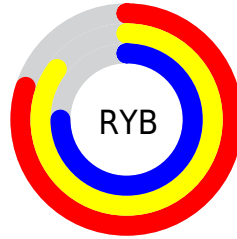
The CIELCh color **84, 10.527, 90.447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 10.528, 273.816**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **64, 10.487, 91.167** is the 20% darker color. If you saturate the color by 10%, you get **82, 18.909, 89.178**, and if you desaturate by 10%, it is **86, 2.307, 91.623**.

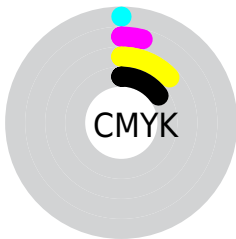
Distribution



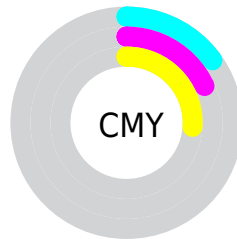
- Red (85%)
- Green (82%)
- Blue (75%)



- Red (80%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 10.527, 90.447 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, 10.527, 90.447 by changing the saturation by 10% instead.

■ 84, 10.527, 90.447

■ 84, 10.527, 90.447

■ 100, 10.527,
90.447

■ 74, 10.527, 90.447

■ 64, 10.527, 90.447

■ 54, 10.527, 90.447

■ 44, 10.527, 90.447

■ 34, 10.527, 90.447

■ 24, 10.527, 90.447

■ 14, 10.527, 90.447

■ 4, 10.527, 90.447

■ 0, 10.527, 90.447

84, 10.527, 90.447

84, 10.527, 90.447

82, 18.909, 89.178

86, 2.307, 91.623

80, 27.428, 87.849

89, 5.750, 272.974

77, 36.033, 86.480

91, 13.598,
274.023

75, 44.612, 85.067

93, 11.237,
256.350

73, 52.953, 83.596

95, 10.348,
233.063

71, 60.667, 82.025

70, 67.118, 80.268

96, 11.249,
209.971

68, 71.473, 78.174

67, 73.308, 76.454

97, 12.524,
198.669

Harmonies

Complementary

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



84, 10.527, 90.447



80, 10.528, 273.816

Rectangle

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



84, 10.527, 90.447



84, 10.527, 140.447



84, 10.527, 270.447



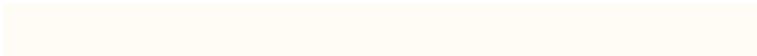
84, 10.527, 320.447

Sweetspot

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



84, 10.528, 90.459



99, 3.683, 91.510



79, 11.536, 354.889



53, 2.621, 91.428



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, 10.528, 90.459



96, 13.997, 90.172



86, 14.713, 115.779



45, 4.659, 90.882



54, 61.877, 76.921



13, 19.659, 79.841

Inverse Universe

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



80, 10.528, 273.816



91, 13.989, 274.154



78, 15.132, 297.708



43, 4.663, 273.335



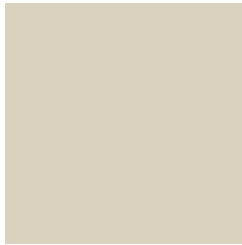
29, 74.294, 297.092



5, 22.929, 285.943

Previews

White Background



This preview shows how the CIELCh color 84, 10.527, 90.447 looks on a white background.

Color Contrast Check

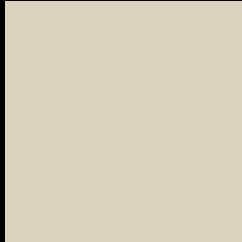
Large Text (above 18pt) WCAG AA × Fail

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, 10.527, 90.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

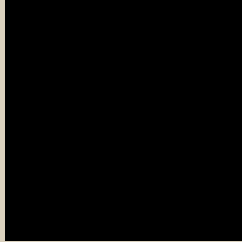
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

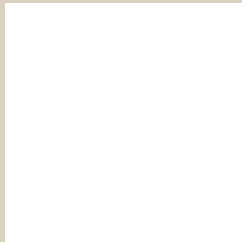
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 10.527, 90.447

Background



This preview shows how black text looks on a background with the CIELCh color 84, 10.527, 90.447.

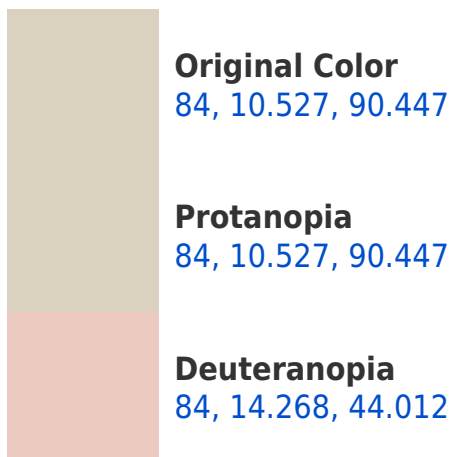


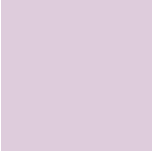
This preview shows how white text looks on a background with the CIELCh color 84, 10.527, 90.447.

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, 10.686, 328.054

Trichromacy



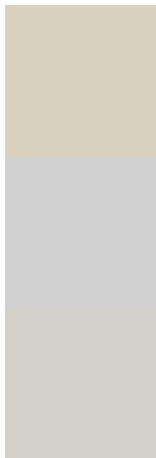
Original Color
84, 10.527, 90.447

Protanomaly
84, 10.527, 90.447

Deuteranomaly
84, 11.736, 55.394

Tritanomaly
84, 5.375, 2.655

Monochromacy



Original Color
84, 10.527, 90.447

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.826, 93.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 10.527, 90.447 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(218, 209, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 209, 190)  
}
```

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(218, 209, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 209, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 10.527, 90.447 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(218, 209, 190) }
```

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

```
.border{ border-color:rgb(218, 209, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 209, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 209, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 209, 190); box-shadow:4px 4px 4px 4px rgb(218, 209, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 10.527, 90.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 209, 190) }
```

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

```
.background{ background-color: rgb(218,  
209, 190) }
```

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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