

Converting Colors

CIELCh(84, 9.332, 91.262)

Have a look what the booklet for
CIELCh(84, 9.332, 91.262) contains.

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Color

CIELCh(84, 9.407, 90.725)

Conversions

Conversions Part 1

Format	Color
Hex	D9D1C0
RGB	217, 209, 192
RGB Percent	85%, 82%, 75%
CMY	0.1495, 0.1809, 0.2476
CMYK	0.00, 0.04, 0.12, 0.15
HSL	41°, 25%, 80%
HSV	41°, 12%, 85%
XYZ	60.8422, 64.0658, 58.9513
YIQ	209.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

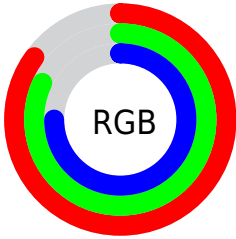
Format	Color
R _Y B	204, 217, 192
Decimal	14275008
CIE Lab	84.00, -0.12, 9.41
CIE LCh	84, 9.407, 90.725
Yxy	64.0658, 0.3309, 0.3485
Android (android.graphics.Color)	4292465088 (0xFFD9D1C0)
YUV	209.4540, -8.6048, 6.6178
Hunter-Lab	80.0411, -4.3875, 12.3609

Details

The CIELCh color **84, 9.407, 90.725** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 9.413, 273.736**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **64, 9.303, 91.640** is the 20% darker color. If you saturate the color by 10%, you get **82, 17.750, 89.466**, and if you desaturate by 10%, it is **86, 1.225, 91.804**.

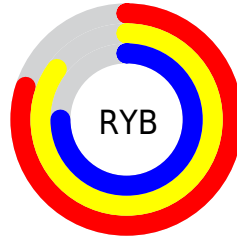
Distribution



Red (85%)

Green (82%)

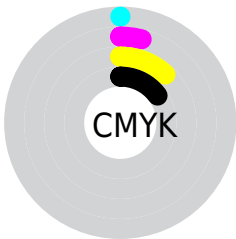
Blue (75%)



Red (80%)

Yellow (85%)

Blue (75%)

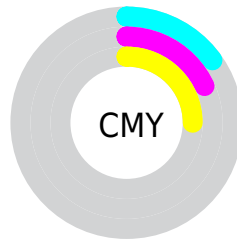


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (18%)



















Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 9.407, 90.725 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, 9.407, 90.725 by changing the saturation by 10% instead.



 84, 9.407, 90.725	 84, 9.407, 90.725
 82, 17.750, 89.466	 86, 1.225, 91.804
 80, 26.233, 88.144	 89, 6.796, 273.234
 77, 34.809, 86.782	 91, 13.716, 272.998
 75, 43.376, 85.377	
 73, 51.739, 83.917	 93, 11.435, 255.530
 71, 59.539, 82.365	 94, 10.591, 232.867
 70, 66.176, 80.645	 96, 11.470, 210.441
 68, 70.834, 78.614	
 66, 73.089, 76.599	 97, 12.814, 198.650

Harmonies

Complementary

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



84, 9.407, 90.725



80, 9.413, 273.736

Rectangle

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



84, 9.407, 90.725



84, 9.407, 140.725



84, 9.407, 270.725



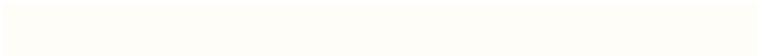
84, 9.407, 320.725

Sweetspot

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



84, 9.408, 90.738



99, 2.761, 91.721



80, 10.284, 354.746



53, 2.097, 91.643



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, 9.408, 90.738



96, 13.068, 90.413



86, 13.151, 115.877



45, 4.665, 90.995



54, 61.886, 77.056



13, 19.679, 79.989

Inverse Universe

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



80, 9.413, 273.736



91, 13.067, 274.113



79, 13.488, 297.595



43, 4.671, 273.446



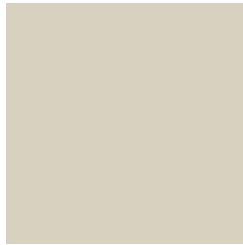
29, 74.460, 297.169



5, 22.964, 286.006

Previews

White Background



This preview shows how the CIELCh color 84, 9.407, 90.725 looks on a white background.

Color Contrast Check

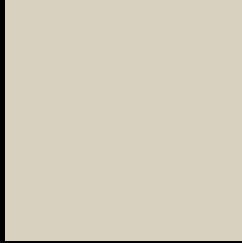
Large Text (above 18pt) WCAG AA × Fail

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, 9.407, 90.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

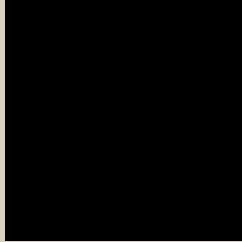
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

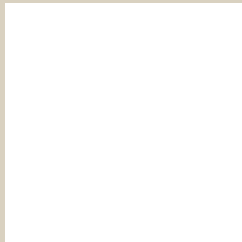
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 9.407, 90.725

Background



This preview shows how black text looks on a background with the CIELCh color 84, 9.407, 90.725.

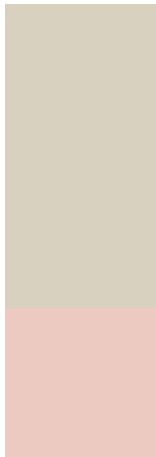


This preview shows how white text looks on a background with the CIELCh color 84, 9.407, 90.725.

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, 9.407, 90.725

Protanopia

84, 9.407, 90.725

Deuteranopia

84, 13.822, 40.167



Tritanopia
84, 10.255, 324.812

Trichromacy



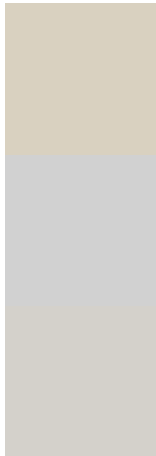
Original Color
84, 9.407, 90.725

Protanomaly
84, 9.407, 90.725

Deuteranomaly
84, 11.120, 51.159

Tritanomaly
84, 5.211, 355.884

Monochromacy



Original Color
84, 9.407, 90.725

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.325, 90.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 9.407, 90.725 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, 209, 192)` looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 192)  
}
```

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, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 9.407, 90.725 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, 209, 192) }
```

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

```
.border{ border-color:rgb(217, 209, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 9.407, 90.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 192) }
```

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

```
.background{ background-color: rgb(217,  
209, 192) }
```

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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