

Converting Colors

CIELCh(83, 9.294, 74.681)

Have a look what the booklet for
CIELCh(83, 9.294, 74.681) contains.

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Color

CIELCh(83, 9.502, 75.581)

Conversions

Conversions Part 1

Format	Color
Hex	DBCDBE
RGB	219, 205, 190
RGB Percent	86%, 80%, 75%
CMY	0.1428, 0.1977, 0.2565
CMYK	0.00, 0.06, 0.13, 0.14
HSL	31°, 28%, 80%
HSV	31°, 13%, 86%
XYZ	60.0723, 62.1629, 57.3169
YIQ	207.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

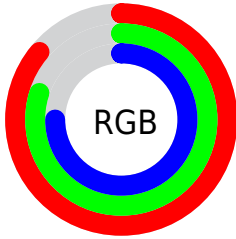
Format	Color
RYB	217, 219, 190
Decimal	14405054
CIELab	83.00, 2.37, 9.20
CIELCh	83, 9.502, 75.581
Yxy	62.1629, 0.3346, 0.3462
Android (android.graphics.Color)	4292595134 (0xFFDBCDBE)
YUV	207.4760, -8.6157, 10.1065
Hunter-Lab	78.8435, -1.9736, 12.0884

Details

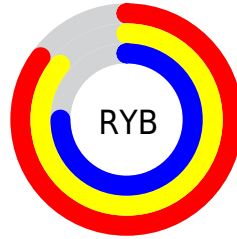
The CIELCh color **83, 9.502, 75.581** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.227, 259.127**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **63, 9.404, 75.355** is the 20% darker color. If you saturate the color by 10%, you get **80, 17.043, 74.341**, and if you desaturate by 10%, it is **86, 2.282, 76.717**.

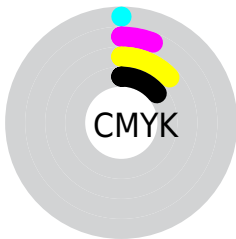
Distribution



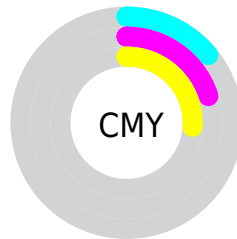
- Red (86%)
- Green (80%)
- Blue (75%)



- Red (85%)
- Yellow (86%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 9.502, 75.581 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 83, 9.502, 75.581 by changing the saturation by 10% instead.



83, 9.502, 75.581

83, 9.502, 75.581

80, 17.043, 74.341

86, 2.282, 76.717

77, 24.919, 73.057

89, 4.645, 258.179

74, 33.124, 71.752

93, 11.232,
259.053

71, 41.612, 70.424

95, 10.285,
223.171

68, 50.246, 69.047

65, 58.726, 67.553

98, 12.260,
198.687

63, 66.464, 65.787

60, 72.497, 63.465

59, 75.516, 61.596

Harmonies

Complementary

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



83, 9.502, 75.581



81, 9.227, 259.127

Rectangle

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



83, 9.502, 75.581



83, 9.502, 125.581



83, 9.502, 255.581



83, 9.502, 305.581

Sweetspot

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



83, 9.503, 75.596



99, 3.179, 76.654



80, 13.052, 345.674



52, 2.264, 76.581



0, 0.000, 0.000



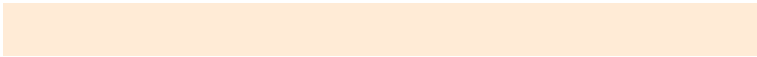
53, 0.007, 296.813

Same Dimension

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



83, 9.503, 75.596



94, 13.075, 75.240



87, 15.096, 109.588



44, 4.044, 76.060



47, 63.352, 62.233



11, 18.368, 61.813

Inverse Universe

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



81, 9.227, 259.127



92, 12.602, 259.567



78, 15.561, 292.210



44, 3.966, 258.581



37, 55.731, 285.512



7, 18.612, 275.474

Previews

White Background



This preview shows how the CIELCh color 83, 9.502, 75.581 looks on a white background.

Color Contrast Check

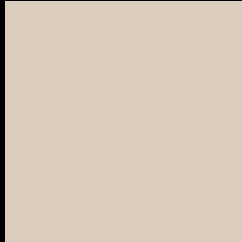
Large Text (above 18pt) WCAG AA × Fail

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 83, 9.502, 75.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

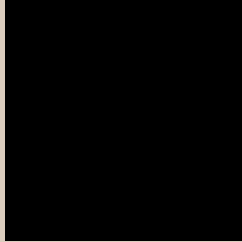
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

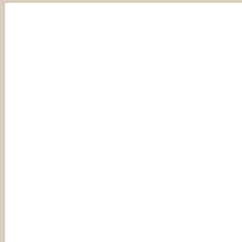
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 9.502, 75.581

Background



This preview shows how black text looks on a background with the CIELCh color 83, 9.502, 75.581.



This preview shows how white text looks on a background with the CIELCh color 83, 9.502, 75.581.

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

83, 9.502, 75.581

Protanopia

83, 8.933, 89.702

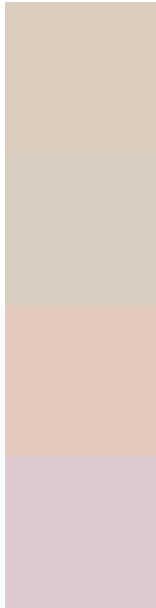
Deuteranopia

83, 13.669, 38.153



Tritanopia
83, 11.025, 334.321

Trichromacy



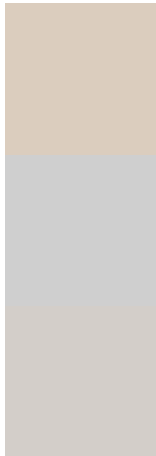
Original Color
83, 9.502, 75.581

Protanomaly
83, 8.914, 81.700

Deuteranomaly
83, 11.830, 49.232

Tritanomaly
83, 7.319, 3.184

Monochromacy



Original Color
83, 9.502, 75.581

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.196, 74.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 9.502, 75.581 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(219, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 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(219, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 9.502, 75.581 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(219, 205, 190) }
```

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

```
.border{ border-color:rgb(219, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 9.502, 75.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 190) }
```

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

```
.background{ background-color: rgb(219,  
205, 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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