

Converting Colors

CIELCh(85, 10.428, 94.616)

Have a look what the booklet for
CIELCh(85, 10.428, 94.616) contains.

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Color

CIELCh(85, 10.281, 94.472)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4C1
RGB	219, 212, 193
RGB Percent	86%, 83%, 76%
CMY	0.1411, 0.1686, 0.2431
CMYK	0.00, 0.03, 0.12, 0.14
HSL	44°, 27%, 81%
HSV	44°, 12%, 86%
XYZ	62.3918, 66.0070, 59.9119
YIQ	211.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

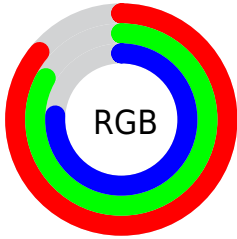
Format	Color
RYB	203, 219, 193
Decimal	14406849
CIELab	85.00, -0.80, 10.25
CIELCh	85, 10.281, 94.472
Yxy	66.0070, 0.3313, 0.3505
Android (android.graphics.Color)	4292596929 (0xFFDBD4C1)
YUV	211.9270, -9.3310, 6.2030
Hunter-Lab	81.2447, -5.0994, 13.1493

Details

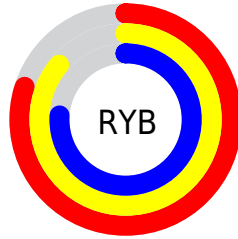
The CIELCh color **85, 10.281, 94.472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 10.350, 277.472**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **65, 10.345, 93.324** is the 20% darker color. If you saturate the color by 10%, you get **83, 19.080, 93.247**, and if you desaturate by 10%, it is **87, 1.601, 95.576**.

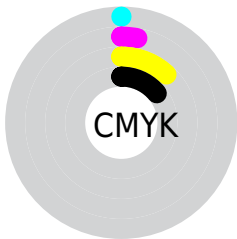
Distribution



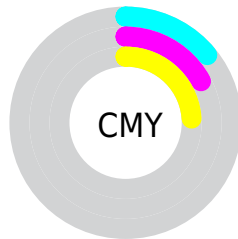
- Red (86%)
- Green (83%)
- Blue (76%)



- Red (80%)
- Yellow (86%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 10.281, 94.472 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 85, 10.281, 94.472 by changing the saturation by 10% instead.

■ 85, 10.281, 94.472

■ 85, 10.281, 94.472

■ 100, 10.281,
94.472

■ 75, 10.281, 94.472

■ 65, 10.281, 94.472

■ 55, 10.281, 94.472

■ 45, 10.281, 94.472

■ 35, 10.281, 94.472

■ 25, 10.281, 94.472

■ 15, 10.281, 94.472

■ 5, 10.281, 94.472

■ 0, 10.281, 94.472

85, 10.281, 94.472

85, 10.281, 94.472

83, 19.080, 93.247

87, 1.601, 95.576

81, 27.962, 91.966

89, 6.953, 276.897

79, 36.864, 90.650

91, 13.519,
275.843

77, 45.660, 89.299

93, 11.349,
261.565

76, 54.123, 87.906

74, 61.854, 86.446

94, 10.143,
242.533

72, 68.231, 84.865

96, 10.226,
221.460

71, 72.465, 83.057

70, 74.274, 81.386

97, 11.550,
203.148

98, 12.121,
198.696

Harmonies

Complementary

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



85, 10.281, 94.472



81, 10.350, 277.472

Rectangle

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



85, 10.281, 94.472



85, 10.281, 144.472



85, 10.281, 274.472



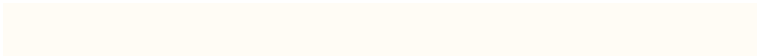
85, 10.281, 324.472

Sweetspot

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



85, 10.282, 94.484



99, 3.890, 95.391



80, 10.423, 358.230



53, 2.767, 95.310



0, 0.000, 0.000



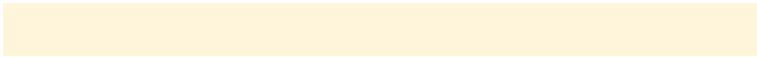
53, 0.007, 296.813

Same Dimension

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



85, 10.282, 94.484



97, 13.742, 94.210



86, 13.726, 117.854



45, 4.912, 94.776



56, 62.463, 81.778



14, 20.470, 84.973

Inverse Universe

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



81, 10.350, 277.472



91, 13.843, 277.789



79, 14.075, 299.470



43, 4.942, 277.141



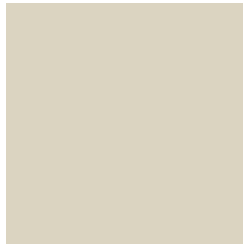
27, 80.177, 299.649



4, 24.134, 288.007

Previews

White Background



This preview shows how the CIELCh color 85, 10.281, 94.472 looks on a white background.

Color Contrast Check

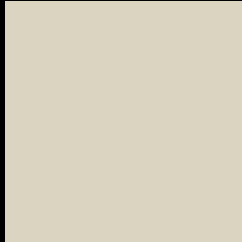
Large Text (above 18pt) WCAG AA × Fail

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 85, 10.281, 94.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

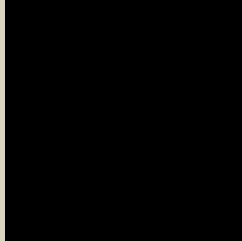
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

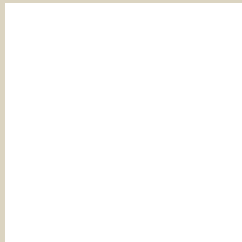
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.281, 94.472

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.281, 94.472.

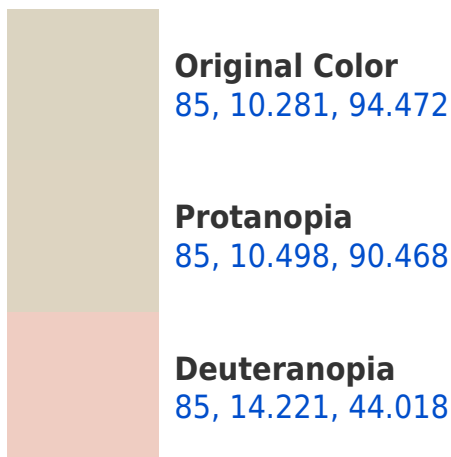


This preview shows how white text looks on a background with the CIELCh color 85, 10.281, 94.472.

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
85, 10.674, 323.220

Trichromacy



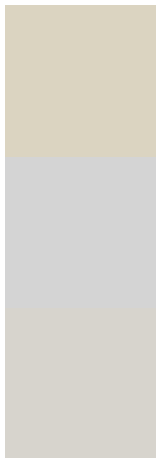
Original Color
85, 10.281, 94.472

Protanomaly
85, 10.383, 92.450

Deuteranomaly
85, 11.710, 58.502

Tritanomaly
85, 5.197, 355.876

Monochromacy



Original Color
85, 10.281, 94.472

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.816, 93.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.281, 94.472 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, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 193)  
}
```

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, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.281, 94.472 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, 212, 193) }
```

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

```
.border{ border-color:rgb(219, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.281, 94.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 193) }
```

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

```
.background{ background-color: rgb(219,  
212, 193) }
```

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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