

Converting Colors

CIELCh(82, 9.482, 89.606)

Have a look what the booklet for
CIELCh(82, 9.482, 89.606) contains.

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Color

CIELCh(82, 9.588, 88.524)

Conversions

Conversions Part 1

Format	Color
Hex	D4CBBA
RGB	212, 203, 186
RGB Percent	83%, 80%, 73%
CMY	0.1684, 0.2036, 0.2703
CMYK	0.00, 0.04, 0.12, 0.17
HSL	39°, 23%, 78%
HSV	39°, 12%, 83%
XYZ	57.4122, 60.2982, 55.1033
YIQ	203.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

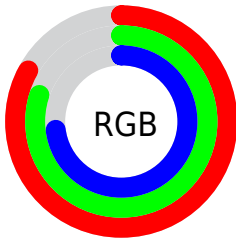
Format	Color
RYB	200, 212, 186
Decimal	13945786
CIELab	82.00, 0.25, 9.58
CIELCh	82, 9.588, 88.524
Yxy	60.2982, 0.3322, 0.3489
Android (android.graphics.Color)	4292135866 (0xFFD4CBBA)
YUV	203.7530, -8.7522, 7.2326
Hunter-Lab	77.6519, -3.9163, 12.2830

Details

The CIELCh color **82, 9.588, 88.524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 9.557, 271.772**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **62, 9.503, 89.232** is the 20% darker color. If you saturate the color by 10%, you get **80, 17.616, 87.248**, and if you desaturate by 10%, it is **84, 1.741, 89.672**.

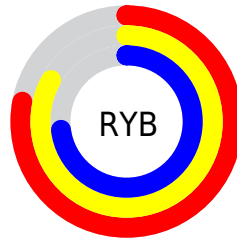
Distribution



Red (83%)

Green (80%)

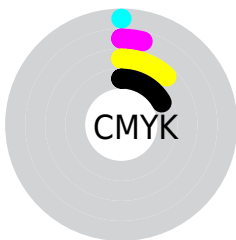
Blue (73%)



Red (78%)

Yellow (83%)

Blue (73%)

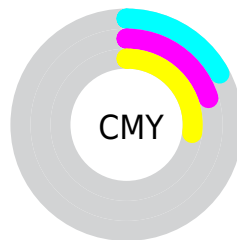


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (17%)



Cyan (17%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.588, 88.524 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 82, 9.588, 88.524 by changing the saturation by 10% instead.



82, 9.588, 88.524

82, 9.588, 88.524

80, 17.616, 87.248

84, 1.741, 89.672

77, 25.808, 85.910

87, 5.931, 271.076

75, 34.124, 84.531

89, 13.434,
272.211

73, 42.470, 83.107

91, 13.360,
260.601

71, 50.658, 81.622

69, 58.339, 80.032

93, 11.963,
240.223

67, 64.918, 78.244

95, 12.276,
218.145

65, 69.568, 76.092

64, 71.783, 74.149

97, 14.151,
199.740

97, 14.345,
198.549

Harmonies

Complementary

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



82, 9.588, 88.524



79, 9.557, 271.772

Rectangle

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



82, 9.588, 88.524



82, 9.588, 138.524



82, 9.588, 268.524



82, 9.588, 318.524

Sweetspot

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



82, 9.589, 88.537



99, 3.592, 89.518



78, 10.853, 353.713



53, 2.556, 89.436



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 9.589, 88.537



96, 13.672, 88.170



84, 13.715, 115.150



44, 4.459, 88.890



52, 61.112, 74.635



12, 17.999, 77.249

Inverse Universe

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



79, 9.557, 271.772



91, 13.604, 272.203



77, 14.092, 297.040



42, 4.452, 271.372



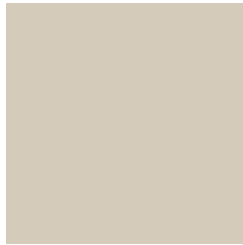
30, 70.565, 295.659



5, 20.902, 283.645

Previews

White Background



This preview shows how the CIELCh color 82, 9.588, 88.524 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 82, 9.588, 88.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

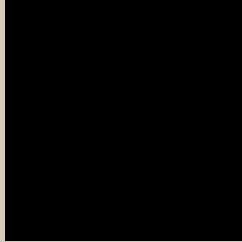
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

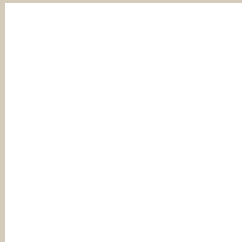
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 9.588, 88.524

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.588, 88.524.

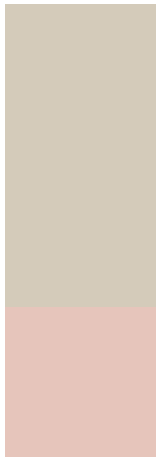


This preview shows how white text looks on a background with the CIELCh color 82, 9.588, 88.524.

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

82, 9.588, 88.524

Protanopia

82, 9.588, 88.524

Deuteranopia

82, 13.751, 42.703



Tritanopia
82, 10.517, 326.475

Trichromacy



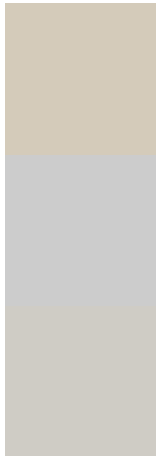
Original Color
82, 9.588, 88.524

Protanomaly
82, 9.588, 88.524

Deuteranomaly
82, 11.158, 54.397

Tritanomaly
82, 5.924, 358.880

Monochromacy



Original Color
82, 9.588, 88.524

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.844, 93.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.588, 88.524 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(212, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 186)  
}
```

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(212, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.588, 88.524 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(212, 203, 186) }
```

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

```
.border{ border-color:rgb(212, 203, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.588, 88.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 186) }
```

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

```
.background{ background-color: rgb(212,  
203, 186) }
```

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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