

Converting Colors

CIELCh(82, 9.836, 60.389)

Have a look what the booklet for
CIELCh(82, 9.836, 60.389) contains.

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Color

CIELCh(82, 9.904, 59.440)

Conversions

Conversions Part 1

Format	Color
Hex	DCC8BC
RGB	220, 200, 188
RGB Percent	86%, 78%, 74%
CMY	0.1364, 0.2148, 0.2619
CMYK	0.00, 0.09, 0.15, 0.14
HSL	23°, 32%, 80%
HSV	23°, 15%, 86%
XYZ	59.3858, 60.2982, 56.2064
YIQ	204.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

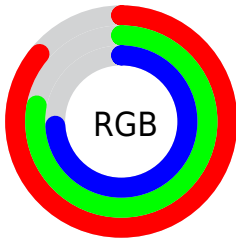
Format	Color
R _Y B	220, 207, 188
Decimal	14469308
CIE Lab	82.00, 5.04, 8.53
CIE LCh	82, 9.904, 59.440
Yxy	60.2982, 0.3376, 0.3428
Android (android.graphics.Color)	4292659388 (0xFFDCC8BC)
YUV	204.6120, -8.1897, 13.4953
Hunter-Lab	77.6519, 0.6205, 11.4408

Details

The CIELCh color **82, 9.904, 59.440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 9.268, 242.511**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **62, 9.897, 58.177** is the 20% darker color. If you saturate the color by 10%, you get **78, 17.295, 58.573**, and if you desaturate by 10%, it is **86, 2.987, 60.272**.

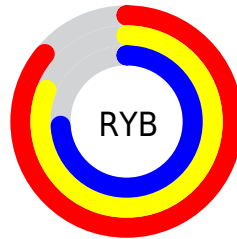
Distribution



Red (86%)

Green (78%)

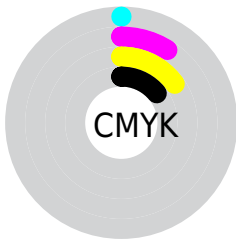
Blue (74%)



Red (86%)

Yellow (81%)

Blue (74%)

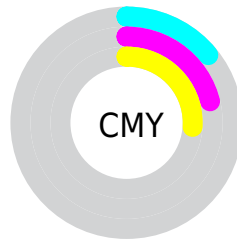


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (21%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.904, 59.440 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, 9.904, 59.440 by changing the saturation by 10% instead.



82, 9.904, 59.440

82, 9.904, 59.440

78, 17.295, 58.573

86, 2.987, 60.272

74, 25.198, 57.722

90, 3.504, 241.526

70, 33.638, 56.924

94, 9.616, 242.385

67, 42.596, 56.183

98, 11.731,
198.722

63, 51.976, 55.482

60, 61.515, 54.745

57, 70.617, 53.777

55, 78.147, 52.171

53, 81.540, 51.109

Harmonies

Complementary

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



82, 9.904, 59.440



82, 9.268, 242.511

Rectangle

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



82, 9.904, 59.440



82, 9.904, 109.440



82, 9.904, 239.440



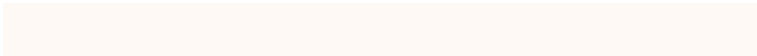
82, 9.904, 289.440

Sweetspot

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



82, 9.904, 59.455



98, 2.963, 60.298



80, 15.951, 338.172



52, 2.111, 60.257



0, 0.000, 0.000



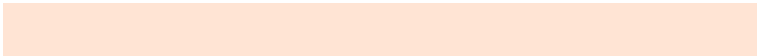
53, 0.007, 296.813

Same Dimension

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



82, 9.904, 59.455



92, 13.163, 59.224



86, 14.555, 102.554



44, 3.790, 59.900



42, 67.840, 51.725



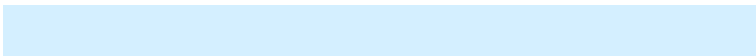
9, 18.899, 45.937

Inverse Universe

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



82, 9.268, 242.511



93, 12.156, 242.842



78, 14.894, 285.862



44, 3.638, 241.924



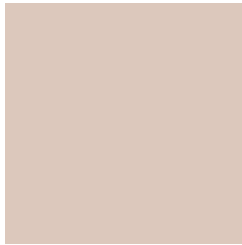
44, 41.849, 268.505



9, 14.948, 257.802

Previews

White Background



This preview shows how the CIELCh color 82, 9.904, 59.440 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, 9.904, 59.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

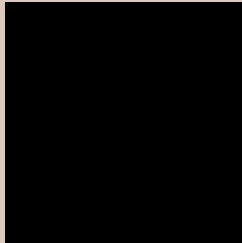
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 9.904, 59.440

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.904, 59.440.



This preview shows how white text looks on a background with the CIELCh color 82, 9.904, 59.440.

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, 9.904, 59.440

Protanopia

82, 7.478, 85.835

Deuteranopia

82, 12.956, 39.169



Tritanopia
82, 12.400, 340.608

Trichromacy



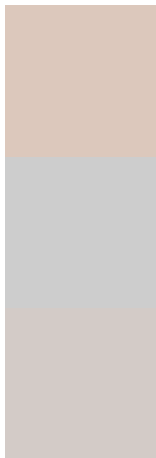
Original Color
82, 9.904, 59.440

Protanomaly
82, 8.214, 76.062

Deuteranomaly
82, 11.703, 43.950

Tritanomaly
82, 9.283, 3.589

Monochromacy



Original Color
82, 9.904, 59.440

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.618, 55.108

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 82, 9.904, 59.440 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(220, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 188)  
}
```

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(220, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.904, 59.440 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(220, 200, 188) }
```

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

```
.border{ border-color:rgb(220, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.904, 59.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 200, 188) }
```

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

```
.background{ background-color: rgb(220,  
200, 188) }
```

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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