

Converting Colors

CIELCh(82, 8.763, 104.759)

Have a look what the booklet for
CIELCh(82, 8.763, 104.759) contains.

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Color

CIELCh(82, 8.970, 106.978)

Conversions

Conversions Part 1

Format	Color
Hex	CECDBC
RGB	206, 205, 188
RGB Percent	81%, 80%, 74%
CMY	0.1928, 0.1968, 0.2634
CMYK	0.00, 0.00, 0.09, 0.19
HSL	57°, 15%, 77%
HSV	57°, 9%, 81%
XYZ	56.2521, 60.2982, 56.1530
YIQ	203.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

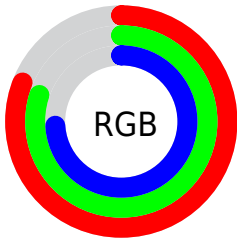
Format	Color
RYB	189, 206, 188
Decimal	13553084
CIELab	82.00, -2.62, 8.58
CIElCh	82, 8.970, 106.978
Yxy	60.2982, 0.3257, 0.3491
Android (android.graphics.Color)	4291743164 (0xFFCECDBC)
YUV	203.3610, -7.5730, 2.3144
Hunter-Lab	77.6519, -6.5830, 11.4815

Details

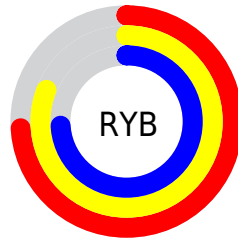
The CIELCh color $82, 8.970, 106.978$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.139, 288.809$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 5.566, 109.748$, and $62, 8.933, 106.609$ is the 20% darker color. If you saturate the color by 10%, you get $81, 19.215, 105.976$, and if you desaturate by 10%, it is $83, 1.301, 288.064$.

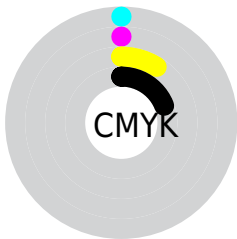
Distribution



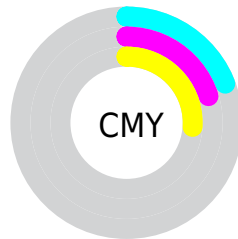
- Red (81%)
- Green (80%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.970, 106.978 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, 8.970, 106.978 by changing the saturation by 10% instead.

 82, 8.970, 106.978

 82, 8.970, 106.978

 100, 8.970,
106.978

 72, 8.970, 106.978

 62, 8.970, 106.978

 52, 8.970, 106.978

 42, 8.970, 106.978

 32, 8.970, 106.978

 22, 8.970, 106.978

 12, 8.970, 106.978

 2, 8.970, 106.978

 0, 8.970, 106.978

82, 8.970, 106.978

82, 8.970, 106.978

81, 19.215,
105.976

83, 1.301, 288.064

81, 29.366,
104.953

84, 11.563,
288.973

80, 39.321,
103.937

85, 21.788,
289.905

79, 48.918,
102.947

85, 24.023,
289.406

79, 57.898,
102.006

85, 23.417,
288.361

78, 65.878,
101.142

86, 22.819,
287.263

78, 72.344,
100.385

86, 22.231,
286.109

78, 76.751, 99.757

86, 21.651,
284.895

■ 77, 78.960, 99.253

■ 86, 21.082,
283.617

Harmonies

Complementary

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



82, 8.970, 106.978



77, 9.139, 288.809

Rectangle

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



82, 8.970, 106.978



82, 8.970, 156.978



82, 8.970, 286.978



82, 8.970, 336.978

Sweetspot

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



82, 8.972, 106.988



100, 3.656, 107.542



78, 6.784, 14.472



53, 2.773, 107.467



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, 8.972, 106.988



99, 12.210, 106.850



82, 9.960, 126.306



43, 5.779, 106.924



63, 67.449, 99.251



14, 20.613, 102.344

Inverse Universe

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



77, 9.139, 288.809



92, 12.468, 288.966



77, 10.106, 307.116



39, 5.893, 288.882



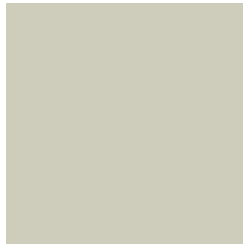
20, 94.309, 305.531



2, 22.621, 291.085

Previews

White Background



This preview shows how the CIELCh color 82, 8.970, 106.978 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, 8.970, 106.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

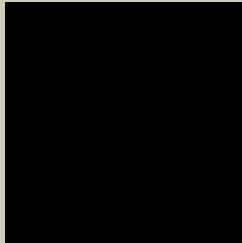
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

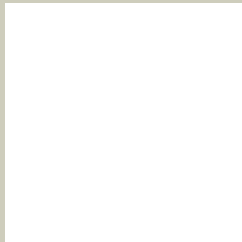
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.970, 106.978

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.970, 106.978.

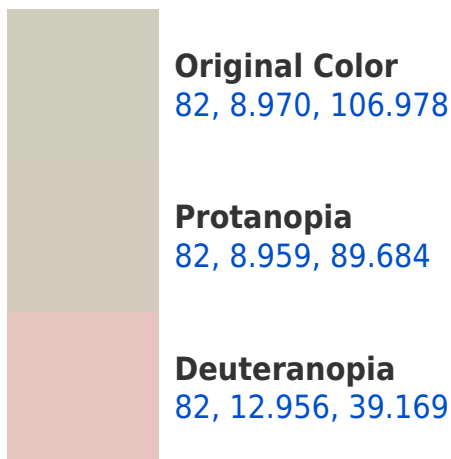



This preview shows how white text looks on a background with the CIELCh color 82, 8.970, 106.978.

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](#).

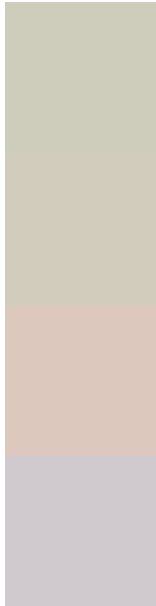
Dichromacy





Tritanopia
82, 8.626, 312.754

Trichromacy



Original Color
82, 8.970, 106.978

Protanomaly
82, 9.155, 97.479

Deuteranomaly
82, 9.873, 55.750

Tritanomaly
82, 3.067, 335.748

Monochromacy



Original Color
82, 8.970, 106.978

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.693, 109.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.970, 106.978 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(206, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 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(206, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.970, 106.978 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(206, 205, 188) }
```

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

```
.border{ border-color:rgb(206, 205, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.970, 106.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 188) }
```

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

```
.background{ background-color: rgb(206,  
205, 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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