

Converting Colors

CIELCh(82, 7.314, 106.089)

Have a look what the booklet for
CIELCh(82, 7.314, 106.089) contains.

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Color

CIELCh(82, 7.390, 106.619)

Conversions

Conversions Part 1

Format	Color
Hex	CECDBF
RGB	206, 205, 191
RGB Percent	81%, 80%, 75%
CMY	0.1936, 0.1975, 0.2524
CMYK	0.00, 0.00, 0.07, 0.19
HSL	56°, 13%, 78%
HSV	56°, 7%, 81%
XYZ	56.4556, 60.2982, 57.7409
YIQ	203.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

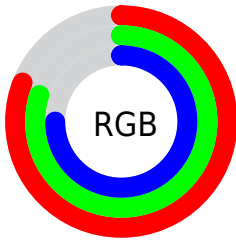
Format	Color
RYB	192, 206, 191
Decimal	13553087
CIELab	82.00, -2.11, 7.08
CIELCh	82, 7.390, 106.619
Yxy	60.2982, 0.3235, 0.3456
Android (android.graphics.Color)	4291743167 (0xFFCECDBF)
YUV	203.7030, -6.2626, 2.0145
Hunter-Lab	77.6519, -6.1152, 10.2691

Details

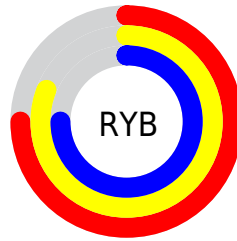
The CIELCh color $82, 7.390, 106.619$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.509, 288.161$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 4.046, 109.857$, and $62, 7.263, 106.226$ is the 20% darker color. If you saturate the color by 10%, you get $81, 17.525, 105.613$, and if you desaturate by 10%, it is $83, 2.757, 287.681$.

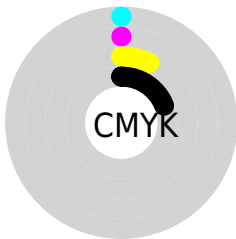
Distribution



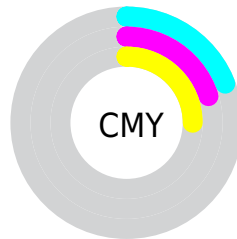
- Red (81%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.390, 106.619 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, 7.390, 106.619 by changing the saturation by 10% instead.

■ 82, 7.390, 106.619

■ 82, 7.390, 106.619

■ 100, 7.390,
106.619

■ 72, 7.390, 106.619

■ 62, 7.390, 106.619

■ 52, 7.390, 106.619

■ 42, 7.390, 106.619

■ 32, 7.390, 106.619

■ 22, 7.390, 106.619

■ 12, 7.390, 106.619

■ 2, 7.390, 106.619

■ 0, 7.390, 106.619

82, 7.390, 106.619

82, 7.390, 106.619

81, 17.525,
105.613

83, 2.757, 287.681

80, 27.586,
104.579

84, 12.886,
288.627

80, 37.481,
103.546

85, 22.971,
289.560

79, 47.060,
102.533

85, 23.647,
288.606

79, 56.086,
101.561

86, 22.929,
287.302

78, 64.197,
100.655

86, 22.224,
285.919

77, 70.893, 99.842

86, 21.532,
284.450

77, 75.614, 99.144

87, 20.855,
282.888

■ 77, 78.043, 98.560

■ 87, 20.194,
281.227

Harmonies

Complementary

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



82, 7.390, 106.619



78, 7.509, 288.161

Rectangle

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



82, 7.390, 106.619



82, 7.390, 156.619



82, 7.390, 286.619



82, 7.390, 336.619

Sweetspot

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



82, 7.392, 106.631



100, 2.406, 107.130



78, 5.625, 14.336



53, 1.367, 107.138



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, 7.392, 106.631



99, 10.866, 106.448



82, 8.298, 126.378



43, 5.714, 106.420



63, 66.935, 98.483



14, 20.359, 101.681

Inverse Universe

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



78, 7.509, 288.161



93, 11.070, 288.365



78, 8.404, 307.042



40, 5.824, 288.397



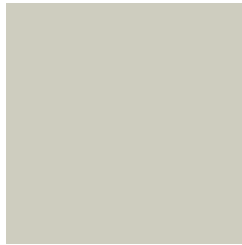
20, 93.797, 305.379



2, 22.440, 290.800

Previews

White Background



This preview shows how the CIELCh color 82, 7.390, 106.619 looks on a white background.

Color Contrast Check

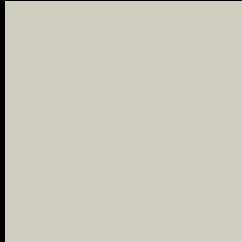
Large Text (above 18pt) WCAG AA × Fail

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, 7.390, 106.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

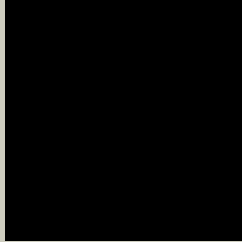
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

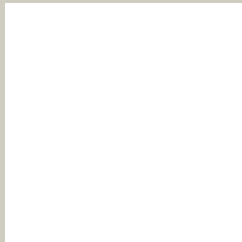
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 7.390, 106.619

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.390, 106.619.

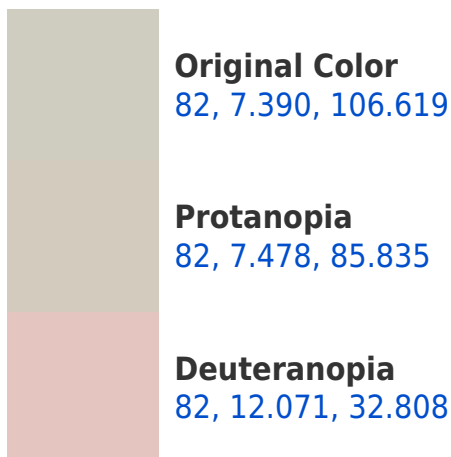


This preview shows how white text looks on a background with the CIELCh color 82, 7.390, 106.619.

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, 8.996, 309.381

Trichromacy



Original Color
82, 7.390, 106.619

Protanomaly
82, 7.609, 95.235

Deuteranomaly
82, 8.649, 48.991

Tritanomaly
82, 3.458, 329.475

Monochromacy



Original Color
82, 7.390, 106.619

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.635, 109.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 7.390, 106.619 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.390, 106.619 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, 191) }
```

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

```
.border{ border-color:rgb(206, 205, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.390, 106.619 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, 191) }
```

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

```
.background{ background-color: rgb(206,  
205, 191) }
```

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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