

Converting Colors

CIELCh(82, 6.968, 59.364)

Have a look what the booklet for
CIELCh(82, 6.968, 59.364) contains.

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Color

CIELCh(82, 7.031, 56.529)

Conversions

Conversions Part 1

Format	Color
Hex	D8C9C1
RGB	216, 201, 193
RGB Percent	85%, 79%, 76%
CMY	0.1525, 0.2113, 0.2427
CMYK	0.00, 0.07, 0.11, 0.15
HSL	21°, 23%, 80%
HSV	21°, 11%, 85%
XYZ	58.9045, 60.2982, 59.0522
YIQ	204.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

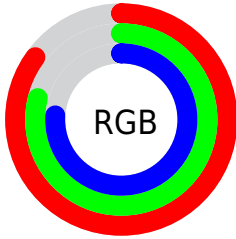
Format	Color
RYB	216, 205, 193
Decimal	14207425
CIELab	82.00, 3.88, 5.87
CIELCh	82, 7.031, 56.529
Yxy	60.2982, 0.3305, 0.3383
Android (android.graphics.Color)	4292397505 (0xFFD8C9C1)
YUV	204.5730, -5.7055, 10.0215
Hunter-Lab	77.6519, -0.4859, 9.2679

Details

The CIELCh color **82, 7.031, 56.529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 6.681, 238.610**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **62, 6.831, 54.639** is the 20% darker color. If you saturate the color by 10%, you get **78, 14.128, 55.778**, and if you desaturate by 10%, it is **86, 0.406, 56.216**.

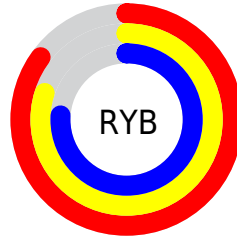
Distribution



Red (85%)

Green (79%)

Blue (76%)



Red (85%)

Yellow (80%)

Blue (76%)

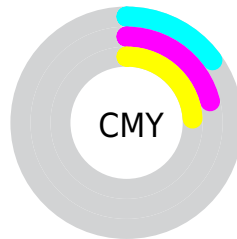


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.031, 56.529 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, 7.031, 56.529 by changing the saturation by 10% instead.



82, 7.031, 56.529

82, 7.031, 56.529

78, 14.128, 55.778

86, 0.406, 56.216

74, 21.743, 55.035

90, 5.796, 238.414

70, 29.910, 54.354

94, 10.792,
232.671

66, 38.634, 53.751

97, 13.055,
198.634

63, 47.862, 53.223

60, 57.420, 52.725

56, 66.886, 52.122

54, 75.358, 51.091

51, 81.592, 49.562

Harmonies

Complementary

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



82, 7.031, 56.529



83, 6.681, 238.610

Rectangle

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



82, 7.031, 56.529



82, 7.031, 106.529



82, 7.031, 236.529



82, 7.031, 286.529

Sweetspot

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



82, 7.031, 56.550



99, 2.204, 57.000



80, 11.743, 336.388



52, 1.677, 56.987



0, 0.000, 0.000



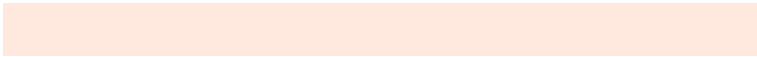
53, 0.007, 296.813

Same Dimension

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



82, 7.031, 56.550



94, 9.907, 56.360



85, 10.133, 101.146



43, 3.706, 56.642



41, 68.083, 50.153



8, 17.840, 42.178

Inverse Universe

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



83, 6.681, 238.610



95, 9.289, 238.869



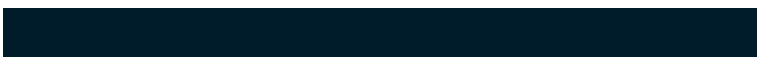
80, 10.286, 283.601



43, 3.544, 238.490



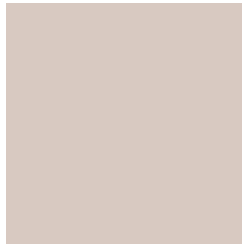
45, 39.281, 264.192



9, 13.862, 252.856

Previews

White Background



This preview shows how the CIELCh color 82, 7.031, 56.529 looks on a white background.

Color Contrast Check

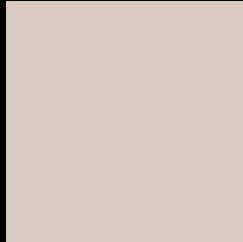
Large Text (above 18pt) WCAG AA × Fail

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, 7.031, 56.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

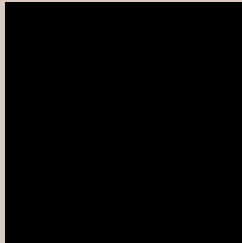
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 7.031, 56.529

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.031, 56.529.

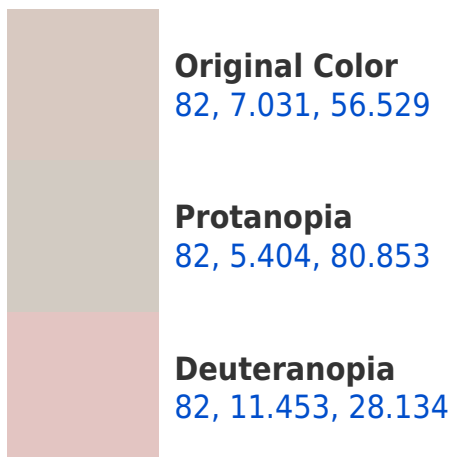


This preview shows how white text looks on a background with the CIELCh color 82, 7.031, 56.529.

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, 11.437, 332.484

Trichromacy



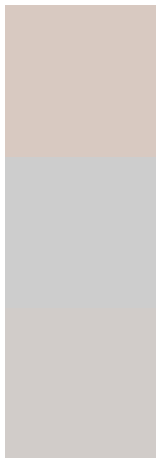
Original Color
82, 7.031, 56.529

Protanomaly
82, 5.623, 68.142

Deuteranomaly
82, 9.658, 32.640

Tritanomaly
82, 7.923, 352.142

Monochromacy



Original Color
82, 7.031, 56.529

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.410, 60.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 7.031, 56.529 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(216, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 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(216, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.031, 56.529 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(216, 201, 193) }
```

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

```
.border{ border-color:rgb(216, 201, 193) }
```

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

Here you see how a box with a 4 pixel rgb(216, 201, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.031, 56.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 193) }
```

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

```
.background{ background-color: rgb(216,  
201, 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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