

Converting Colors

CIELCh(82, 5.992, 58.810)

Have a look what the booklet for
CIELCh(82, 5.992, 58.810) contains.

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Color

CIELCh(82, 6.150, 62.872)

Conversions

Conversions Part 1

Format	Color
Hex	D6CAC2
RGB	214, 202, 194
RGB Percent	84%, 79%, 76%
CMY	0.1616, 0.2086, 0.2400
CMYK	0.00, 0.06, 0.09, 0.16
HSL	24°, 20%, 80%
HSV	24°, 9%, 84%
XYZ	58.4606, 60.2982, 59.4785
YIQ	204.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

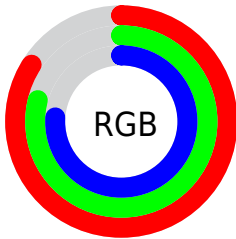
Format	Color
R _Y B	214, 207, 194
Decimal	14076610
CIE Lab	82.00, 2.80, 5.47
CIE LCh	82, 6.150, 62.872
Yxy	60.2982, 0.3280, 0.3383
Android (android.graphics.Color)	4292266690 (0xFFD6CAC2)
YUV	204.6760, -5.2633, 8.1771
Hunter-Lab	77.6519, -1.5062, 8.9424

Details

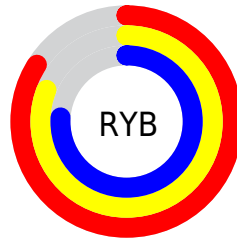
The CIELCh color **82, 6.150, 62.872** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 5.928, 245.037**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **62, 6.260, 65.110** is the 20% darker color. If you saturate the color by 10%, you get **78, 13.135, 61.929**, and if you desaturate by 10%, it is **86, 0.420, 245.100**.

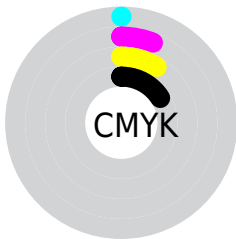
Distribution



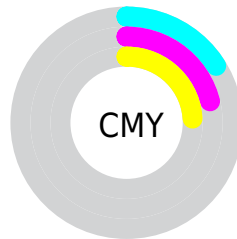
- Red (84%)
- Green (79%)
- Blue (76%)



- Red (84%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.150, 62.872 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, 6.150, 62.872 by changing the saturation by 10% instead.



82, 6.150, 62.872

82, 6.150, 62.872

78, 13.135, 61.929

86, 0.420, 245.100

75, 20.575, 60.959

90, 6.618, 245.075

71, 28.499, 60.019

93, 11.504,
240.450

68, 36.910, 59.119

97, 13.168,
202.890

64, 45.757, 58.253

61, 54.876, 57.378

97, 13.796,
198.585

58, 63.878, 56.373

55, 71.955, 54.962

53, 78.195, 52.885

Harmonies

Complementary

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



82, 6.150, 62.872



82, 5.928, 245.037

Rectangle

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



82, 6.150, 62.872



82, 6.150, 112.872



82, 6.150, 242.872



82, 6.150, 292.872

Sweetspot

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



82, 6.150, 62.895



99, 2.228, 63.375



80, 9.747, 339.299



52, 1.694, 63.343



0, 0.000, 0.000



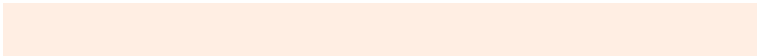
53, 0.007, 296.813

Same Dimension

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



82, 6.150, 62.895



95, 8.391, 62.730



85, 9.456, 104.820



43, 3.738, 62.889



42, 66.168, 53.379



8, 17.392, 47.677

Inverse Universe

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



82, 5.928, 245.037



95, 8.024, 245.242



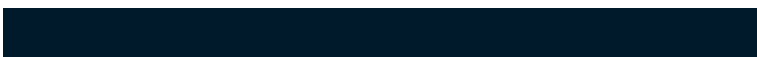
79, 9.622, 286.850



43, 3.602, 245.045



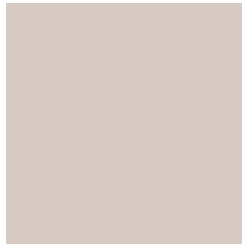
42, 43.462, 272.058



8, 14.837, 260.746

Previews

White Background



This preview shows how the CIELCh color 82, 6.150, 62.872 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 CIE LCh color 82, 6.150, 62.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

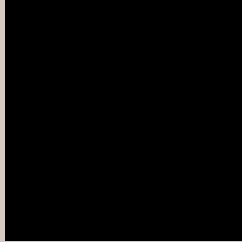
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 6.150, 62.872

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.150, 62.872.

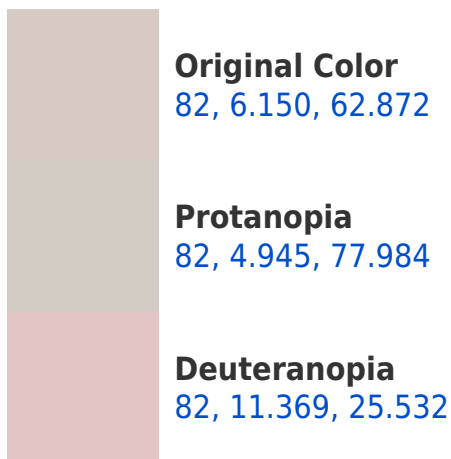


This preview shows how white text looks on a background with the CIELCh color 82, 6.150, 62.872.

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, 10.322, 329.861

Trichromacy



Original Color
82, 6.150, 62.872

Protanomaly
82, 5.151, 74.426

Deuteranomaly
82, 8.900, 33.664

Tritanomaly
82, 6.957, 347.745

Monochromacy



Original Color
82, 6.150, 62.872

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.413, 60.292

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 82, 6.150, 62.872 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(214, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 194)  
}
```

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(214, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.150, 62.872 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(214, 202, 194) }
```

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

```
.border{ border-color:rgb(214, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 202, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 202, 194); box-shadow:4px 4px 4px 4px rgb(214, 202, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.150, 62.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 194) }
```

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

```
.background{ background-color: rgb(214,  
202, 194) }
```

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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