

Converting Colors

CIELCh(82, 15.889, 63.939)

Have a look what the booklet for
CIELCh(82, 15.889, 63.939) contains.

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Color

CIELCh(82, 15.886, 63.917)

Conversions

Conversions Part 1

Format	Color
Hex	E4C7B2
RGB	228, 199, 178
RGB Percent	89%, 78%, 70%
CMY	0.1074, 0.2211, 0.3034
CMYK	0.00, 0.13, 0.22, 0.11
HSL	25°, 48%, 79%
HSV	25°, 22%, 89%
XYZ	60.2018, 60.2982, 50.3871
YIQ	205.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

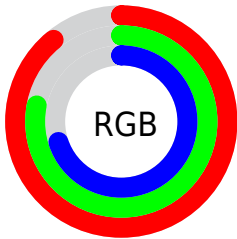
Format	Color
R _Y B	228, 214, 178
Decimal	14993330
CIE Lab	82.00, 6.98, 14.27
CIE LCh	82, 15.886, 63.917
Yxy	60.2982, 0.3523, 0.3529
Android (android.graphics.Color)	4293183410 (0xFFE4C7B2)
YUV	205.2770, -13.4476, 19.9281
Hunter-Lab	77.6519, 2.4963, 15.8840

Details

The CIELCh color $82, 15.886, 63.917$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82, 14.537, 249.248$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 10.630, 109.373$, and $62, 15.999, 64.021$ is the 20% darker color. If you saturate the color by 10%, you get $78, 23.846, 62.886$, and if you desaturate by 10%, it is $86, 8.393, 64.970$.

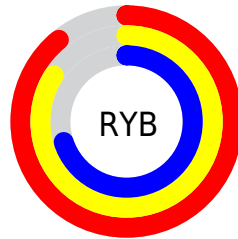
Distribution



Red (89%)

Green (78%)

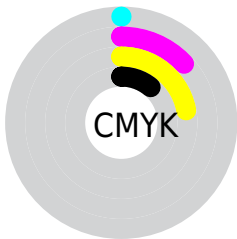
Blue (70%)



Red (89%)

Yellow (84%)

Blue (70%)

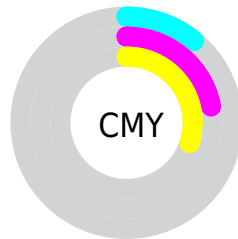


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 15.886, 63.917 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, 15.886, 63.917 by changing the saturation by 10% instead.

 82, 15.886, 63.917

 82, 15.886, 63.917

 100, 15.886,
63.917

 72, 15.886, 63.917

 62, 15.886, 63.917

 52, 15.886, 63.917

 42, 15.886, 63.917

 32, 15.886, 63.917

 22, 15.886, 63.917

 12, 15.886, 63.917

 2, 15.886, 63.917

 0, 15.886, 63.917

82, 15.886, 63.917

82, 15.886, 63.917

78, 23.846, 62.886

86, 8.393, 64.970

75, 32.295, 61.868

90, 1.330, 65.745

71, 41.220, 60.878

94, 5.346, 247.259

68, 50.535, 59.899

97, 8.260, 211.840

65, 60.006, 58.870

98, 9.315, 198.888

62, 69.110, 57.635

59, 76.842, 55.865

57, 81.591, 53.965

Harmonies

Complementary

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



82, 15.886, 63.917



82, 14.537, 249.248

Rectangle

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



82, 15.886, 63.917



82, 15.886, 113.917



82, 15.886, 243.917



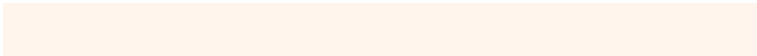
82, 15.886, 293.917

Sweetspot

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



82, 15.886, 63.927



97, 5.308, 65.457



78, 24.034, 341.193



51, 3.455, 65.400



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, 15.886, 63.927



89, 20.895, 63.488



88, 23.745, 104.303



46, 3.983, 65.223



45, 67.701, 54.604



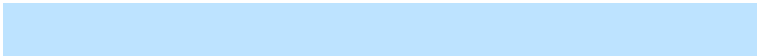
11, 21.151, 52.025

Inverse Universe

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



82, 14.537, 249.248



88, 18.757, 249.952



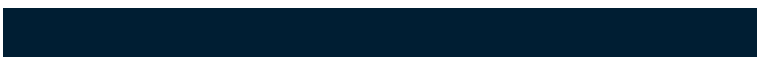
75, 24.765, 289.278



46, 3.848, 247.488



43, 46.864, 274.900



10, 17.301, 265.571

Previews

White Background



This preview shows how the CIELCh color 82, 15.886, 63.917 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, 15.886, 63.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

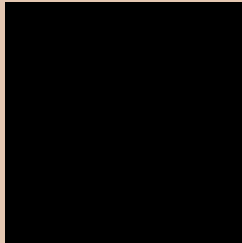
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 15.886, 63.917

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.886, 63.917.

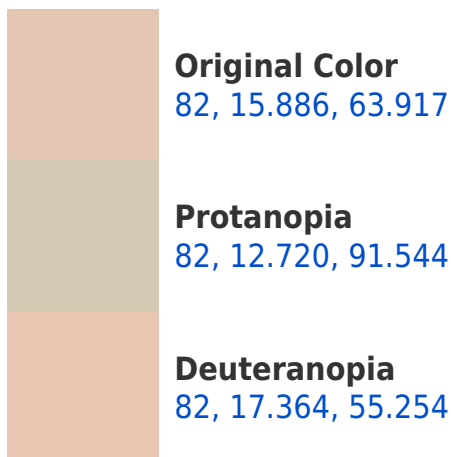


This preview shows how white text looks on a background with the CIELCh color 82, 15.886, 63.917.

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](#).

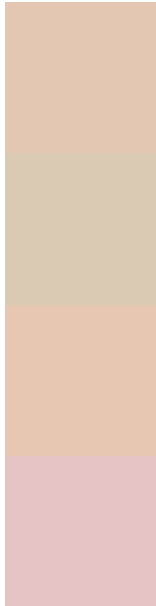
Dichromacy





Tritanopia
82, 15.771, 350.568

Trichromacy



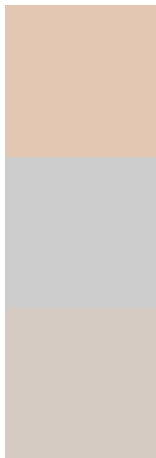
Original Color
82, 15.886, 63.917

Protanomaly
82, 13.352, 79.715

Deuteranomaly
82, 16.729, 58.962

Tritanomaly
82, 12.820, 15.682

Monochromacy



Original Color
82, 15.886, 63.917

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.617, 68.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.886, 63.917 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(228, 199, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 199, 178)  
}
```

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(228, 199, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.886, 63.917 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(228, 199, 178) }
```

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

```
.border{ border-color:rgb(228, 199, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 199, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 199, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 199, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 199,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.886, 63.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 178) }
```

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

```
.background{ background-color: rgb(228,  
199, 178) }
```

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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