

Converting Colors

CIELCh(82, 23.273, 80.046)

Have a look what the booklet for
CIELCh(82, 23.273, 80.046) contains.

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Color

CIELCh(82, 23.517, 79.898)

Conversions

Conversions Part 1

Format	Color
Hex	E4C8A1
RGB	228, 200, 161
RGB Percent	89%, 78%, 63%
CMY	0.1064, 0.2161, 0.3691
CMYK	0.00, 0.12, 0.29, 0.11
HSL	35°, 55%, 76%
HSV	35°, 29%, 89%
XYZ	59.0070, 60.2982, 42.1949
YIQ	203.9260, 29.2070, -6.1930

Conversions

Conversions Part 2

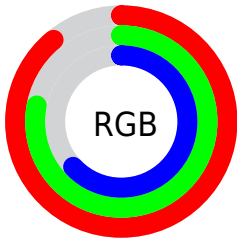
Format	Color
RYB	209, 228, 161
Decimal	14993569
CIELab	82.00, 4.12, 23.15
CIELCh	82, 23.517, 79.898
Yxy	60.2982, 0.3654, 0.3734
Android (android.graphics.Color)	4293183649 (0xFFE4C8A1)
YUV	203.9260, -21.1625, 21.1129
Hunter-Lab	77.6519, -0.2502, 22.1390

Details

The CIELCh color **82, 23.517, 79.898** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 22.565, 268.450**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **62, 23.638, 79.486** is the 20% darker color. If you saturate the color by 10%, you get **79, 32.028, 78.531**, and if you desaturate by 10%, it is **85, 15.260, 81.241**.

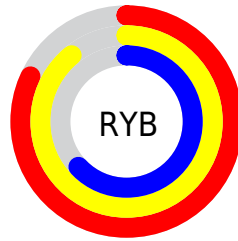
Distribution



Red (89%)

Green (78%)

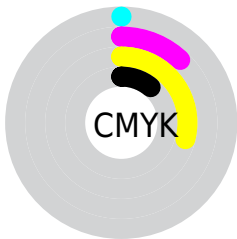
Blue (63%)



Red (82%)

Yellow (89%)

Blue (63%)

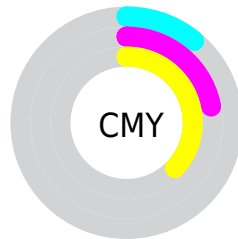


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 23.517, 79.898 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, 23.517, 79.898 by changing the saturation by 10% instead.

 82, 23.517, 79.898

 82, 23.517, 79.898

 100, 23.517,
79.898

 72, 23.517, 79.898

 62, 23.517, 79.898

 52, 23.517, 79.898

 42, 23.517, 79.898

 32, 23.517, 79.898

 22, 23.517, 79.898

 12, 23.517, 79.898

 2, 23.517, 79.898

 0, 23.517, 79.898

82, 23.517, 79.898

82, 23.517, 79.898

79, 32.028, 78.531

85, 15.260, 81.241

76, 40.738, 77.120

88, 7.267, 82.525

74, 49.515, 75.654

91, 0.468, 264.554

71, 58.086, 74.089

94, 7.962, 265.105

69, 65.927, 72.323

96, 7.623, 229.468

67, 72.180, 70.158

98, 9.224, 198.894

64, 76.168, 67.406

64, 76.394, 67.242

Harmonies

Complementary

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



82, 23.517, 79.898



76, 22.565, 268.450

Rectangle

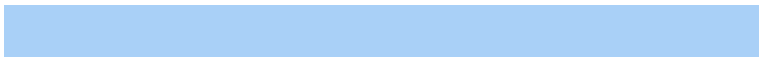
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 23.517, 79.898



82, 23.517, 129.898



82, 23.517, 259.898



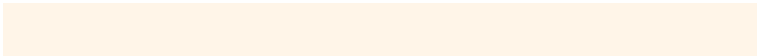
82, 23.517, 309.898

Sweetspot

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



82, 23.518, 79.905



97, 7.619, 82.568



73, 29.489, 350.353



51, 5.308, 82.385



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, 23.518, 79.905



89, 30.966, 79.110



89, 34.407, 110.250



47, 4.418, 82.518



51, 63.550, 67.851



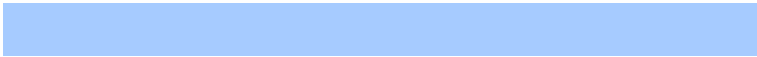
13, 21.220, 69.655

Inverse Universe

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



76, 22.565, 268.450



81, 29.451, 269.668



69, 36.939, 295.988



45, 4.372, 265.079



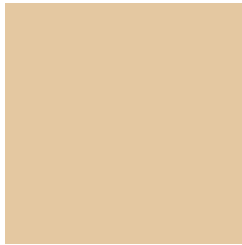
34, 64.573, 291.021



7, 22.693, 282.859

Previews

White Background



This preview shows how the CIELCh color 82, 23.517, 79.898 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, 23.517, 79.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

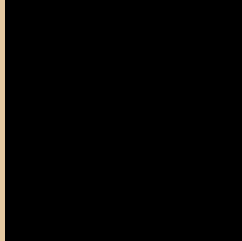
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

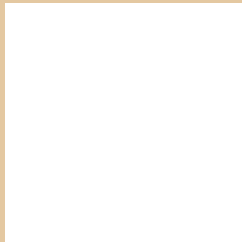
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 23.517, 79.898

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.517, 79.898.



This preview shows how white text looks on a background with the CIELCh color 82, 23.517, 79.898.

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



Original Color

82, 23.517, 79.898

Protanopia

82, 22.179, 94.850

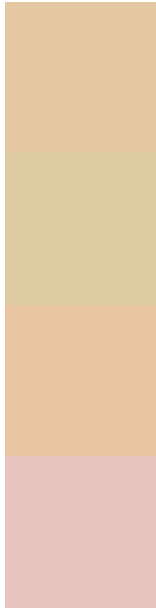
Deuteranopia

82, 24.866, 65.845



Tritanopia
82, 16.762, 352.621

Trichromacy



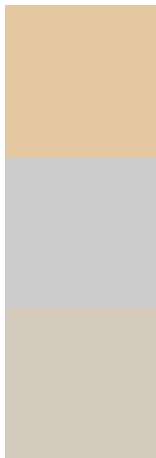
Original Color
82, 23.517, 79.898

Protanomaly
82, 22.762, 89.940

Deuteranomaly
82, 23.879, 70.119

Tritanomaly
82, 13.611, 31.489

Monochromacy



Original Color
82, 23.517, 79.898

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.760, 83.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.517, 79.898 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, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(228, 200, 161)  
}
```

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, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 200, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.517, 79.898 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, 200, 161) }
```

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

```
.border{ border-color:rgb(228, 200, 161) }
```

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

Here you see how a box with a 4 pixel rgb(228, 200, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(228, 200,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.517, 79.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 200, 161) }
```

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

```
.background{ background-color: rgb(228,  
200, 161) }
```

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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