

Converting Colors

CIELCh(82, 24.309, 84.512)

Have a look what the booklet for
CIELCh(82, 24.309, 84.512) contains.

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Color

CIELCh(82, 24.196, 84.796)

Conversions

Conversions Part 1

Format	Color
Hex	E1C99F
RGB	225, 201, 159
RGB Percent	88%, 79%, 62%
CMY	0.1176, 0.2117, 0.3764
CMYK	0.00, 0.11, 0.29, 0.12
HSL	38°, 52%, 75%
HSV	38°, 29%, 88%
XYZ	58.2095, 60.2982, 41.3808
YIQ	203.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

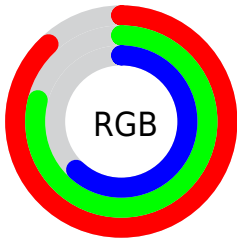
Format	Color
RYB	197, 225, 159
Decimal	14797215
CIELab	82.00, 2.19, 24.10
CIELCh	82, 24.196, 84.796
Yxy	60.2982, 0.3641, 0.3771
Android (android.graphics.Color)	4292987295 (0xFFE1C99F)
YUV	203.3880, -21.8833, 18.9537
Hunter-Lab	77.6519, -2.0834, 22.7606

Details

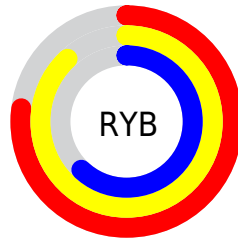
The CIELCh color **82, 24.196, 84.796** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 23.763, 273.227**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **62, 24.324, 84.637** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.816, 83.424**, and if you desaturate by 10%, it is **85, 15.749, 86.139**.

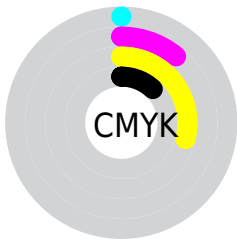
Distribution



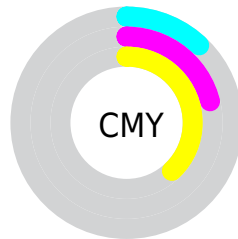
- Red (88%)
- Green (79%)
- Blue (62%)



- Red (77%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 24.196, 84.796 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, 24.196, 84.796 by changing the saturation by 10% instead.

 82, 24.196, 84.796

 82, 24.196, 84.796

 100, 24.196,
84.796

 72, 24.196, 84.796

 62, 24.196, 84.796

 52, 24.196, 84.796

 42, 24.196, 84.796

 32, 24.196, 84.796

 22, 24.196, 84.796

 12, 24.196, 84.796

 2, 24.196, 84.796

 0, 24.196, 84.796

82, 24.196, 84.796

82, 24.196, 84.796

80, 32.816, 83.424

85, 15.749, 86.139

77, 41.534, 82.002

87, 7.502, 87.420

75, 50.194, 80.523

90, 0.542, 269.245

73, 58.494, 78.951

92, 8.388, 269.958

70, 65.889, 77.200

95, 8.728, 249.693

68, 71.549, 75.111

97, 8.810, 215.502

66, 74.885, 72.530

98, 10.165,
198.829

66, 75.090, 72.357

Harmonies

Complementary

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



82, 24.196, 84.796



74, 23.763, 273.227

Rectangle

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



82, 24.196, 84.796



82, 24.196, 134.796



82, 24.196, 264.796



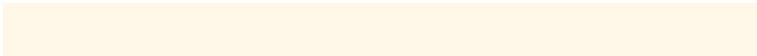
82, 24.196, 314.796

Sweetspot

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



82, 24.197, 84.802



97, 8.005, 87.454



72, 28.148, 354.622



52, 5.574, 87.271



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, 24.197, 84.802



90, 32.177, 83.992



87, 34.128, 113.145



46, 4.556, 87.406



53, 62.465, 72.914



13, 20.436, 75.411

Inverse Universe

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



74, 23.763, 273.227



79, 31.492, 274.436



68, 36.560, 298.193



44, 4.539, 269.923



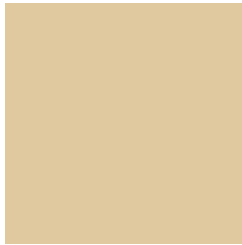
31, 70.214, 294.682



6, 23.207, 285.055

Previews

White Background



This preview shows how the CIELCh color 82, 24.196, 84.796 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, 24.196, 84.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

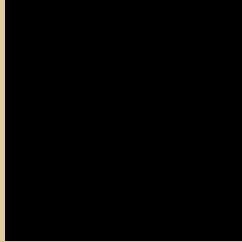
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 24.196, 84.796

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.196, 84.796.



This preview shows how white text looks on a background with the CIELCh color 82, 24.196, 84.796.

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, 24.196, 84.796

Protanopia

82, 23.711, 95.530

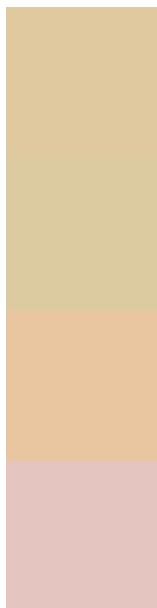
Deuteranopia

82, 25.972, 66.611



Tritanopia
82, 15.771, 350.568

Trichromacy



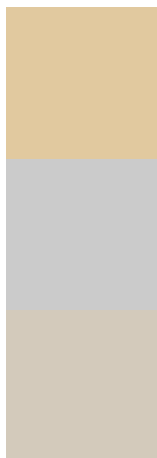
Original Color
82, 24.196, 84.796

Protanomaly
82, 23.642, 91.514

Deuteranomaly
82, 24.906, 72.855

Tritanomaly
82, 12.599, 34.746

Monochromacy



Original Color
82, 24.196, 84.796

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.611, 86.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.196, 84.796 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(225, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 159)  
}
```

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(225, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.196, 84.796 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(225, 201, 159) }
```

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

```
.border{ border-color:rgb(225, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.196, 84.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 159) }
```

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

```
.background{ background-color: rgb(225,  
201, 159) }
```

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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