

Converting Colors

CIELCh(81, 28.807, 81.870)

Have a look what the booklet for
CIELCh(81, 28.807, 81.870) contains.

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Color

CIELCh(81, 28.938, 81.905)

Conversions

Conversions Part 1

Format	Color
Hex	E4C594
RGB	228, 197, 148
RGB Percent	89%, 77%, 58%
CMY	0.1065, 0.2280, 0.4201
CMYK	0.00, 0.14, 0.35, 0.11
HSL	37°, 60%, 74%
HSV	37°, 35%, 89%
XYZ	57.2158, 58.4711, 36.2311
YIQ	200.6830, 34.2050, -8.6670

Conversions

Conversions Part 2

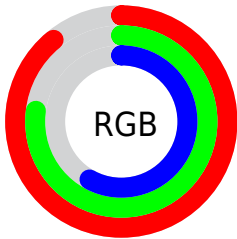
Format	Color
R_{YB}	199, 228, 148
Decimal	14992788
CIE _{Lab}	81.00, 4.07, 28.65
CIE _{LCh}	81, 28.938, 81.905
Yxy	58.4711, 0.3766, 0.3849
Android (android.graphics.Color)	4293182868 (0xFFE4C594)
YUV	200.6830, -25.9727, 23.9570
Hunter-Lab	76.4664, -0.2539, 25.4338

Details

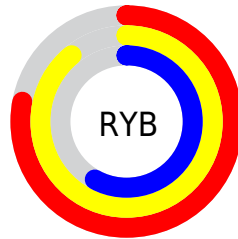
The CIELCh color **81, 28.938, 81.905** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 27.984, 272.389**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.254, 107.357**, and **61, 28.682, 81.685** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.645, 80.505**, and if you desaturate by 10%, it is **84, 20.410, 83.276**.

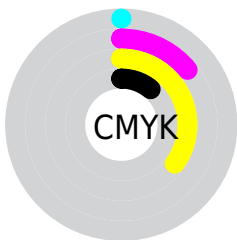
Distribution



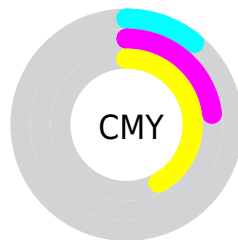
- Red (89%)
- Green (77%)
- Blue (58%)



- Red (78%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.938, 81.905 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 81, 28.938, 81.905 by changing the saturation by 10% instead.

 81, 28.938, 81.905

 81, 28.938, 81.905

 100, 28.938,
81.905

 71, 28.938, 81.905

 61, 28.938, 81.905

 51, 28.938, 81.905

 41, 28.938, 81.905

 31, 28.938, 81.905

 21, 28.938, 81.905

 11, 28.938, 81.905

 1, 28.938, 81.905

 0, 28.938, 81.905

81, 28.938, 81.905

81, 28.938, 81.905

78, 37.645, 80.505

84, 20.410, 83.276

76, 46.424, 79.051

86, 12.102, 84.598

74, 55.055, 77.521

89, 4.026, 85.837

71, 63.117, 75.848

92, 3.826, 267.240

69, 69.888, 73.894

95, 8.390, 258.578

67, 74.420, 71.428

97, 7.871, 218.736

66, 75.972, 70.074

98, 9.233, 198.894

Harmonies

Complementary

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



81, 28.938, 81.905



72, 27.984, 272.389

Rectangle

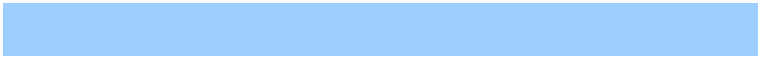
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 28.938, 81.905



81, 28.938, 131.905



81, 28.938, 261.905



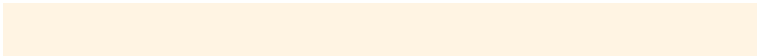
81, 28.938, 311.905

Sweetspot

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



81, 28.939, 81.911



97, 9.598, 85.114



70, 34.716, 353.213



51, 6.463, 84.941



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 28.939, 81.911



88, 38.279, 80.909



88, 40.966, 111.239



47, 4.539, 85.316



52, 63.247, 70.650



14, 21.469, 72.929

Inverse Universe

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



72, 27.984, 272.389



76, 36.787, 274.031



65, 44.672, 297.840



45, 4.509, 267.861



33, 68.194, 293.180



7, 23.731, 284.885

Previews

White Background



This preview shows how the CIELCh color 81, 28.938, 81.905 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 81, 28.938, 81.905 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 81, 28.938, 81.905

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.938, 81.905.



This preview shows how white text looks on a background with the CIELCh color 81, 28.938, 81.905.

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


81, 28.938, 81.905

Protanopia

81, 27.535, 95.052

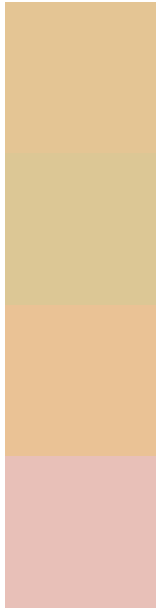
Deuteranopia

81, 30.013, 70.150



Tritanopia
81, 18.501, 355.612

Trichromacy



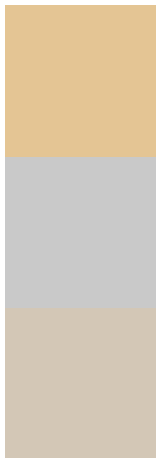
Original Color
81, 28.938, 81.905

Protanomaly
81, 27.756, 89.921

Deuteranomaly
81, 29.135, 73.845

Tritanomaly
81, 16.055, 35.713

Monochromacy



Original Color
81, 28.938, 81.905

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.093, 82.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.938, 81.905 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, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(228, 197, 148)  
}
```

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, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 197, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.938, 81.905 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, 197, 148) }
```

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

```
.border{ border-color:rgb(228, 197, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 197, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(228, 197,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.938, 81.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 197, 148) }
```

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

```
.background{ background-color: rgb(228,  
197, 148) }
```

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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