

Converting Colors

CIELCh(81, 31.758, 84.850)

Have a look what the booklet for
CIELCh(81, 31.758, 84.850) contains.

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Color

CIELCh(81, 31.654, 84.593)

Conversions

Conversions Part 1

Format	Color
Hex	E3C58E
RGB	227, 197, 142
RGB Percent	89%, 77%, 56%
CMY	0.1082, 0.2259, 0.4417
CMYK	0.00, 0.13, 0.37, 0.11
HSL	39°, 61%, 73%
HSV	39°, 37%, 89%
XYZ	56.7729, 58.4711, 34.0315
YIQ	199.7000, 35.5350, -10.7450

Conversions

Conversions Part 2

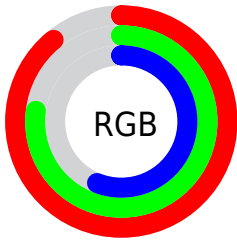
Format	Color
R _Y B	188, 227, 142
Decimal	14927246
CIE Lab	81.00, 2.98, 31.51
CIE LCh	81, 31.654, 84.593
Yxy	58.4711, 0.3803, 0.3917
Android (android.graphics.Color)	4293117326 (0xFFE3C58E)
YUV	199.7000, -28.4461, 23.9421
Hunter-Lab	76.4664, -1.2878, 27.1394

Details

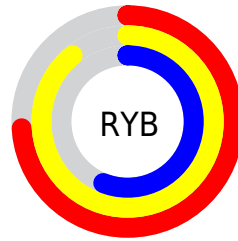
The CIELCh color **81, 31.654, 84.593** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70, 31.119, 275.771**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 29.251, 107.205**, and **61, 31.521, 84.393** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.468, 83.188**, and if you desaturate by 10%, it is **83, 22.941, 85.967**.

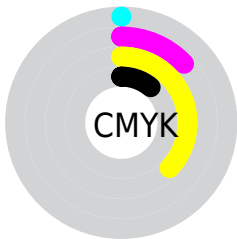
Distribution



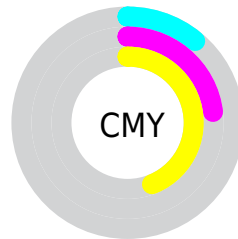
- Red (89%)
- Green (77%)
- Blue (56%)



- Red (74%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 31.654, 84.593 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, 31.654, 84.593 by changing the saturation by 10% instead.

 81, 31.654, 84.593

 81, 31.654, 84.593

 100, 31.654,
84.593

 71, 31.654, 84.593

 61, 31.654, 84.593

 51, 31.654, 84.593

 41, 31.654, 84.593

 31, 31.654, 84.593

 21, 31.654, 84.593

 11, 31.654, 84.593

 1, 31.654, 84.593

 0, 31.654, 84.593

81, 31.654, 84.593

81, 31.654, 84.593

79, 40.468, 83.188

83, 22.941, 85.967

76, 49.239, 81.725

86, 14.395, 87.291

74, 57.690, 80.179

88, 6.041, 88.554

72, 65.319, 78.482

91, 2.117, 269.977

70, 71.337, 76.494

94, 9.569, 269.857

68, 74.917, 74.021

96, 7.755, 237.913

68, 75.659, 73.346

98, 8.910, 203.597

98, 9.379, 198.884

Harmonies

Complementary

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



81, 31.654, 84.593



70, 31.119, 275.771

Rectangle

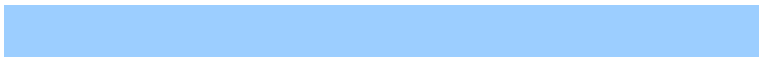
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 31.654, 84.593



81, 31.654, 134.593



81, 31.654, 264.593



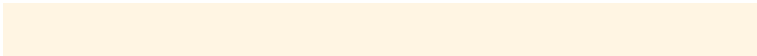
81, 31.654, 314.593

Sweetspot

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



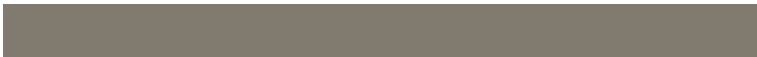
81, 31.655, 84.598



97, 9.911, 88.101



69, 36.406, 355.760



51, 6.671, 87.928



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, 31.655, 84.598



88, 42.098, 83.489



88, 43.585, 112.533



47, 4.688, 88.301



54, 63.122, 73.874



14, 21.839, 76.537

Inverse Universe

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



70, 31.119, 275.771



73, 41.324, 277.624



63, 47.779, 299.190



45, 4.677, 270.811



31, 72.314, 295.371



6, 24.855, 286.809

Previews

White Background



This preview shows how the CIELCh color 81, 31.654, 84.593 looks on a white background.

Color Contrast Check

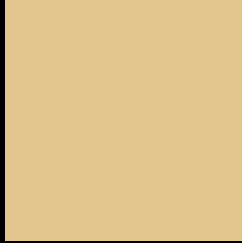
Large Text (above 18pt) WCAG AA × Fail

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 81, 31.654, 84.593 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, 31.654, 84.593

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.654, 84.593.




This preview shows how white text looks on a background with the CIELCh color 81, 31.654, 84.593.

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
81, 18.501, 355.612

Trichromacy



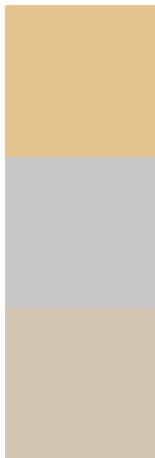
Original Color
81, 31.654, 84.593

Protanomaly
81, 31.235, 91.505

Deuteranomaly
81, 32.296, 76.955

Tritanomaly
81, 16.435, 39.164

Monochromacy



Original Color
81, 31.654, 84.593

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.394, 87.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.654, 84.593 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(227, 197, 142)` looks like.

```
.text, #text, p{  
    color:rgb(227, 197, 142)  
}
```

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(227, 197, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 197, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.654, 84.593 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(227, 197, 142) }
```

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

```
.border{ border-color:rgb(227, 197, 142) }
```

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

Here you see how a box with a 4 pixel rgb(227, 197, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 197, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 197, 142);  
box-shadow:4px 4px 4px 4px rgb(227, 197,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.654, 84.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 197, 142) }
```

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

```
.background{ background-color: rgb(227,  
197, 142) }
```

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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