

Converting Colors

CIELCh(81, 30.993, 93.170)

Have a look what the booklet for
CIELCh(81, 30.993, 93.170) contains.

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Color

CIELCh(81, 31.005, 92.964)

Conversions

Conversions Part 1

Format	Color
Hex	DBC88F
RGB	219, 200, 143
RGB Percent	86%, 78%, 56%
CMY	0.1404, 0.2149, 0.4385
CMYK	0.00, 0.09, 0.35, 0.14
HSL	45°, 51%, 71%
HSV	45°, 35%, 86%
XYZ	54.9382, 58.4711, 34.4466
YIQ	199.1830, 29.6210, -13.6990

Conversions

Conversions Part 2

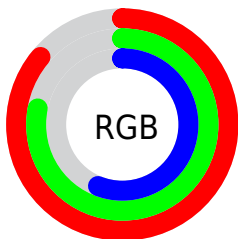
Format	Color
R _Y B	168, 219, 143
Decimal	14403727
CIE Lab	81.00, -1.60, 30.96
CIE LCh	81, 31.005, 92.964
Yxy	58.4711, 0.3716, 0.3955
Android (android.graphics.Color)	4292593807 (0xFFDBC88F)
YUV	199.1830, -27.6982, 17.3795
Hunter-Lab	76.4664, -5.5708, 26.8175

Details

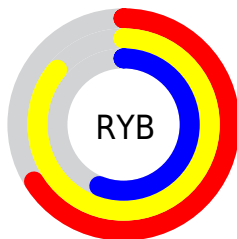
The CIELCh color **81, 31.005, 92.964** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 31.822, 282.534**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **61, 30.919, 92.675** is the 20% darker color. If you saturate the color by 10%, you get **79, 39.999, 91.666**, and if you desaturate by 10%, it is **83, 21.977, 94.240**.

Distribution



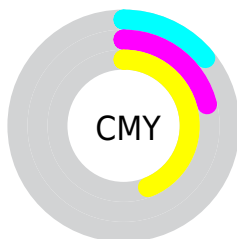
- Red (86%)
- Green (78%)
- Blue (56%)



- Red (66%)
- Yellow (86%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (14%)

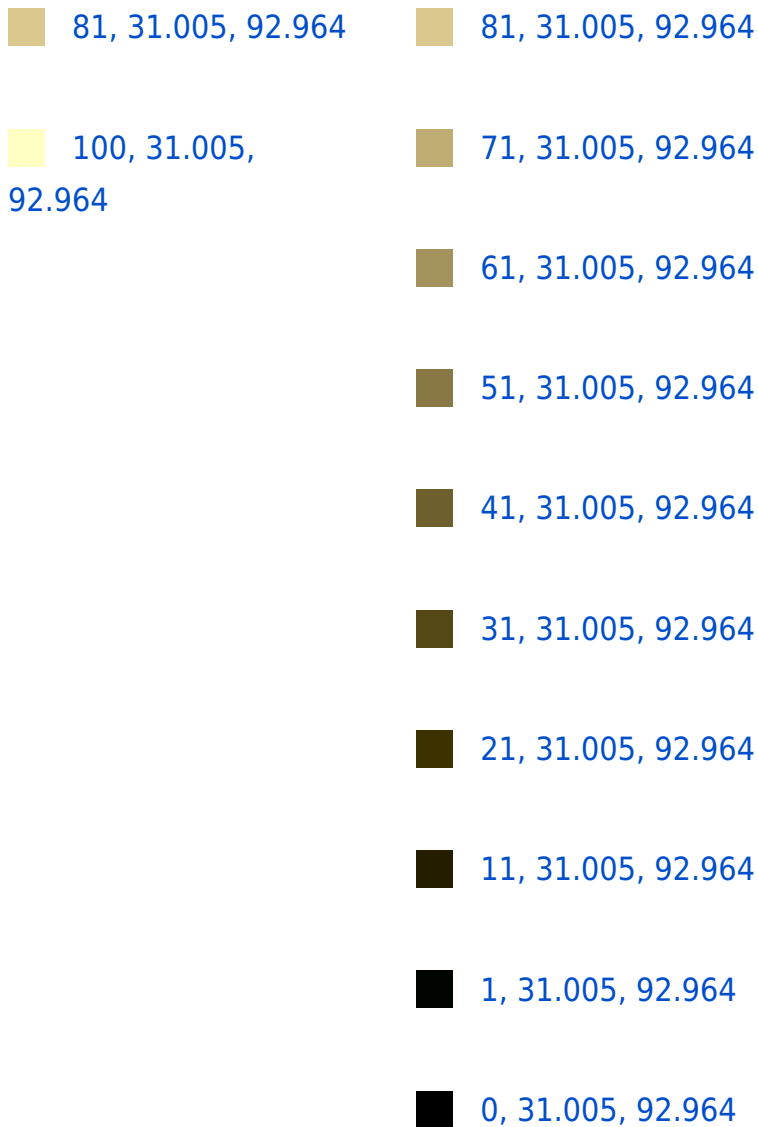


- Cyan (14%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 31.005, 92.964 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, 31.005, 92.964 by changing the saturation by 10% instead.



81, 31.005, 92.964

81, 31.005, 92.964

79, 39.999, 91.666

83, 21.977, 94.240

78, 48.799, 90.333

85, 12.998, 95.472

76, 57.127, 88.962

87, 4.111, 96.639

74, 64.519, 87.526

89, 4.664, 277.885

73, 70.290, 85.970

91, 13.320,
278.966

71, 73.686, 84.190

92, 12.165,
268.544

71, 74.717, 83.161

93, 10.565,
252.806

95, 9.966, 233.606

96, 10.522,
214.433

Harmonies

Complementary

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



81, 31.005, 92.964



67, 31.822, 282.534

Rectangle

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



81, 31.005, 92.964



81, 31.005, 142.964



81, 31.005, 272.964



81, 31.005, 322.964

Sweetspot

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



81, 31.006, 92.969



98, 9.980, 96.021



68, 31.397, 3.593



52, 6.816, 95.854



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, 31.006, 92.969



91, 42.512, 91.971



85, 39.895, 117.727



45, 5.010, 96.098



57, 62.808, 83.522



14, 20.807, 86.734

Inverse Universe

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



67, 31.822, 282.534



72, 44.036, 284.142



64, 43.036, 302.603



43, 5.049, 278.428



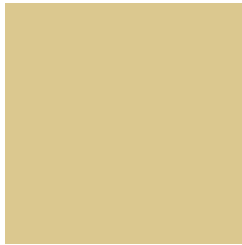
26, 82.240, 300.466



4, 24.545, 288.655

Previews

White Background



This preview shows how the CIELCh color 81, 31.005, 92.964 looks on a white background.

Color Contrast Check

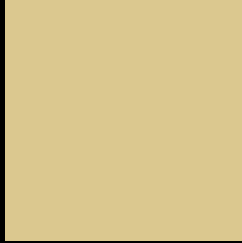
Large Text (above 18pt) WCAG AA × Fail

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, 31.005, 92.964 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, 31.005, 92.964

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.005, 92.964.



This preview shows how white text looks on a background with the CIELCh color 81, 31.005, 92.964.

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, 31.005, 92.964

Protanopia

81, 30.676, 95.205

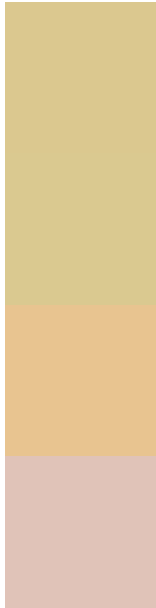
Deuteranopia

81, 32.027, 71.559



Tritanopia
81, 14.847, 348.288

Trichromacy



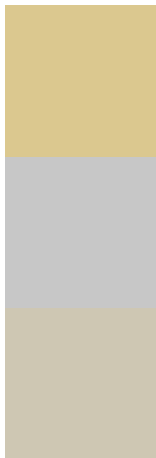
Original Color
81, 31.005, 92.964

Protanomaly
81, 30.771, 94.460

Deuteranomaly
81, 31.392, 79.540

Tritanomaly
81, 12.601, 47.509

Monochromacy



Original Color
81, 31.005, 92.964

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.919, 95.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.005, 92.964 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(219, 200, 143)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 143)  
}
```

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(219, 200, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.005, 92.964 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(219, 200, 143) }
```

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

```
.border{ border-color:rgb(219, 200, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 143);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.005, 92.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 143) }
```

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

```
.background{ background-color: rgb(219,  
200, 143) }
```

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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