

Converting Colors

CIELCh(82, 31.127, 96.010)

Have a look what the booklet for
CIELCh(82, 31.127, 96.010) contains.

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Color

CIELCh(82, 31.014, 96.135)

Conversions

Conversions Part 1

Format	Color
Hex	DBCC92
RGB	219, 204, 146
RGB Percent	86%, 80%, 57%
CMY	0.1413, 0.2001, 0.4276
CMYK	0.00, 0.07, 0.33, 0.14
HSL	48°, 50%, 72%
HSV	48°, 33%, 86%
XYZ	55.9731, 60.2982, 35.8696
YIQ	201.8730, 27.5580, -14.8580

Conversions

Conversions Part 2

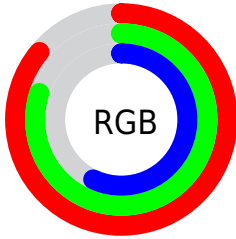
Format	Color
R _{YB}	165, 219, 146
Decimal	14404754
CIE _{Lab}	82.00, -3.31, 30.84
CIE _{LCh}	82, 31.014, 96.135
Yxy	60.2982, 0.3679, 0.3963
Android (android.graphics.Color)	4292594834 (0xFFDBCC92)
YUV	201.8730, -27.5454, 15.0204
Hunter-Lab	77.6519, -7.2244, 26.9687

Details

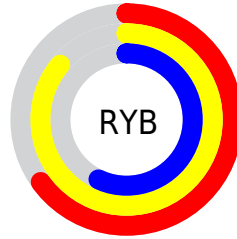
The CIELCh color **82, 31.014, 96.135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 32.232, 284.957**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **62, 30.898, 96.126** is the 20% darker color. If you saturate the color by 10%, you get **81, 40.274, 94.902**, and if you desaturate by 10%, it is **84, 21.674, 97.354**.

Distribution



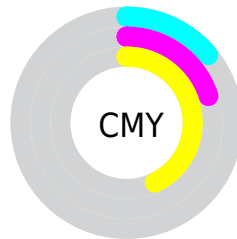
- Red (86%)
- Green (80%)
- Blue (57%)



- Red (65%)
- Yellow (86%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 31.014, 96.135 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, 31.014, 96.135 by changing the saturation by 10% instead.

 82, 31.014, 96.135

 82, 31.014, 96.135

 100, 31.014,
96.135

 72, 31.014, 96.135

 62, 31.014, 96.135

 52, 31.014, 96.135

 42, 31.014, 96.135

 32, 31.014, 96.135

 22, 31.014, 96.135

 12, 31.014, 96.135

 2, 31.014, 96.135

 0, 31.014, 96.135

82, 31.014, 96.135

82, 31.014, 96.135

81, 40.274, 94.902

84, 21.674, 97.354

79, 49.287, 93.647

85, 12.341, 98.536

78, 57.776, 92.375

87, 3.066, 99.646

76, 65.287, 91.078

89, 6.124, 280.841

75, 71.171, 89.726

90, 14.987,
281.716

74, 74.718, 88.256

91, 13.000,
273.127

73, 75.909, 87.202

93, 11.398,
261.881

94, 10.353,
247.793

95, 10.030,
231.822

Harmonies

Complementary

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



82, 31.014, 96.135



67, 32.232, 284.957

Rectangle

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



82, 31.014, 96.135



82, 31.014, 146.135



82, 31.014, 276.135



82, 31.014, 326.135

Sweetspot

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



82, 31.015, 96.140



98, 10.454, 98.910



68, 29.856, 5.855



52, 7.137, 98.747



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, 31.015, 96.140



93, 42.094, 95.274



84, 38.565, 119.185



45, 5.249, 98.984



59, 63.870, 87.485



15, 21.664, 90.594

Inverse Universe

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



67, 32.232, 284.957



72, 44.251, 286.344



65, 41.344, 303.573



43, 5.308, 281.230



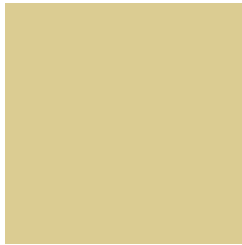
25, 86.781, 302.137



4, 25.443, 289.982

Previews

White Background



This preview shows how the CIELCh color 82, 31.014, 96.135 looks on a white background.

Color Contrast Check

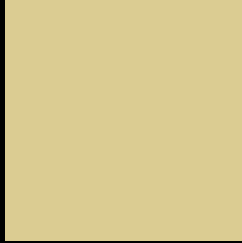
Large Text (above 18pt) WCAG AA × Fail

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, 31.014, 96.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

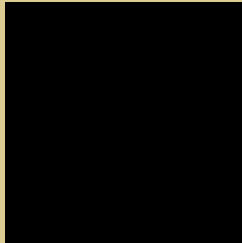
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 31.014, 96.135

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.014, 96.135.



This preview shows how white text looks on a background with the CIELCh color 82, 31.014, 96.135.

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, 31.014, 96.135

Protanopia

82, 31.102, 95.398

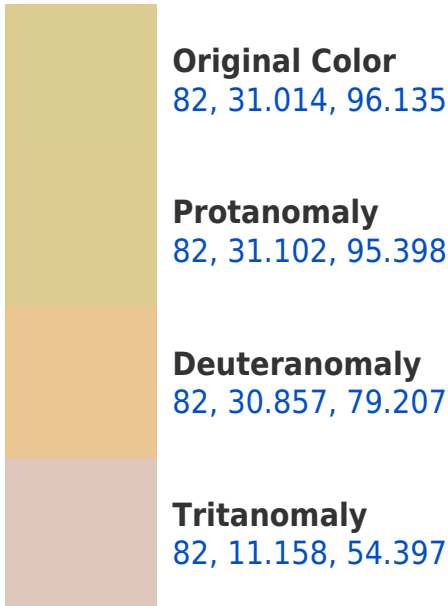
Deuteranopia

82, 31.781, 70.537



Tritanopia
82, 13.571, 344.753

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 31.014, 96.135 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, 204, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 146)  
}
```

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, 204, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.014, 96.135 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, 204, 146) }
```

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

```
.border{ border-color:rgb(219, 204, 146) }
```

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

Here you see how a box with a 4 pixel rgb(219, 204, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 146);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.014, 96.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 146) }
```

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

```
.background{ background-color: rgb(219,  
204, 146) }
```

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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