

Converting Colors

CIELCh(81, 32.785, 108.335)

Have a look what the booklet for
CIELCh(81, 32.785, 108.335)
contains.

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Color

CIELCh(81, 32.931, 107.918)

Conversions

Conversions Part 1

Format	Color
Hex	CCCD8E
RGB	204, 205, 142
RGB Percent	80%, 80%, 56%
CMY	0.1999, 0.1959, 0.4430
CMYK	0.00, 0.00, 0.31, 0.20
HSL	61°, 39%, 68%
HSV	61°, 31%, 80%
XYZ	51.6321, 58.4711, 34.1666
YIQ	197.5190, 19.6270, -19.8050

Conversions

Conversions Part 2

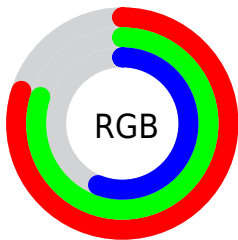
Format	Color
RYB	142, 205, 143
Decimal	13421966
CIELab	81.00, -10.13, 31.33
CIElCh	81, 32.931, 107.918
Yxy	58.4711, 0.3579, 0.4053
Android (android.graphics.Color)	4291612046 (0xFFCCCD8E)
YUV	197.5190, -27.3709, 5.6838
Hunter-Lab	76.4664, -13.2884, 27.0346

Details

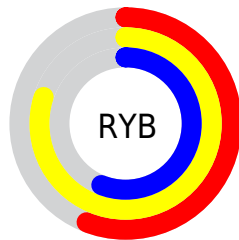
The CIELCh color $81, 32.931, 107.918$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $61, 35.491, 294.491$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 29.728, 107.918$, and $61, 32.957, 107.965$ is the 20% darker color. If you saturate the color by 10%, you get $81, 43.238, 107.008$, and if you desaturate by 10%, it is $81, 22.345, 108.859$.

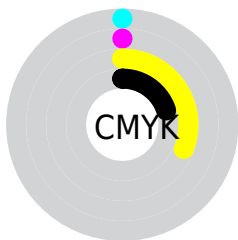
Distribution



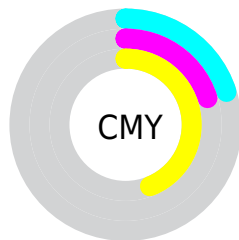
- Red (80%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 32.931, 107.918 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, 32.931, 107.918 by changing the saturation by 10% instead.


 81, 32.931,
107.918


 81, 32.931,
107.918


 100, 32.931,
107.918


 71, 32.931,
107.918

 61, 32.931,
107.918

 51, 32.931,
107.918

 41, 32.931,
107.918

 31, 32.931,
107.918

 21, 32.931,
107.918

 11, 32.931,

107.918

■ 1, 32.931, 107.918

■ 0, 32.931, 107.918

■ 81, 32.931,
107.918

■ 81, 32.931,
107.918

■ 81, 43.238,
107.008

■ 81, 22.345,
108.859

■ 80, 53.067,
106.145

■ 82, 11.601,
109.800

■ 80, 62.128,
105.365

■ 82, 0.780, 110.663

■ 80, 70.008,
104.710

■ 83, 10.063,
291.657

■ 80, 76.201,

■ 84, 20.894,
292.537

104.223

84, 26.404,
293.086

80, 80.251,
103.942

84, 26.407,
293.318

80, 82.243,
103.847

84, 26.411,
293.550

84, 26.415,
293.782

Harmonies

Complementary

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



81, 32.931, 107.918



61, 35.491, 294.491

Rectangle

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



81, 32.931, 107.918



81, 32.931, 157.918



81, 32.931, 287.918



81, 32.931, 337.918

Sweetspot

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



81, 32.933, 107.921



99, 11.618, 109.951



65, 25.810, 21.991



53, 8.072, 109.813



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, 32.933, 107.921



98, 47.053, 107.302



79, 35.366, 127.641



43, 6.109, 109.925



66, 70.215, 103.832



14, 21.916, 106.322

Inverse Universe

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



61, 35.491, 294.491



70, 51.748, 295.567



64, 36.919, 310.564



39, 6.245, 291.749



19, 96.844, 306.341



1, 23.542, 292.858

Previews

White Background



This preview shows how the CIELCh color 81, 32.931, 107.918 looks on a white background.

Color Contrast Check

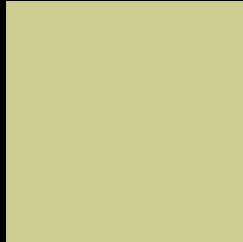
Large Text (above 18pt) WCAG AA × Fail

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, 32.931, 107.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

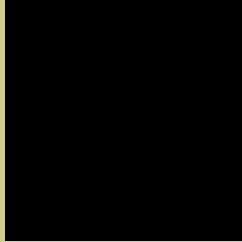
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 32.931, 107.918

Background



This preview shows how black text looks on a background with the CIELCh color 81, 32.931, 107.918.

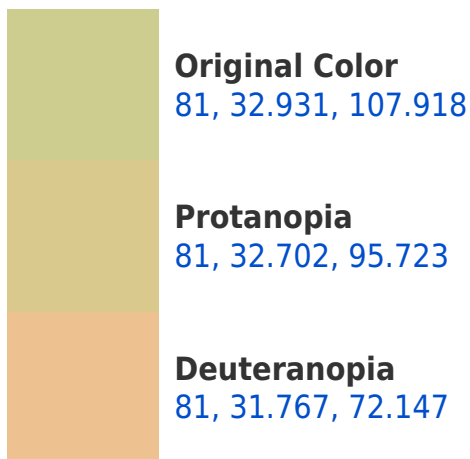


This preview shows how white text looks on a background with the CIELCh color 81, 32.931, 107.918.

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](#).

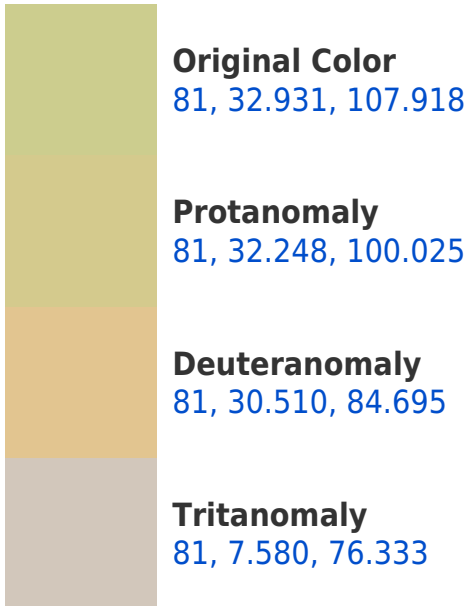
Dichromacy





Tritanopia
81, 10.545, 326.481

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 32.931, 107.918 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(204, 205, 142)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 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(204, 205, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 32.931, 107.918 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(204, 205, 142) }
```

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

```
.border{ border-color:rgb(204, 205, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 205, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 205, 142); box-shadow:4px 4px 4px 4px rgb(204, 205, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 32.931, 107.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 142) }
```

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

```
.background{ background-color: rgb(204,  
205, 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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