

Converting Colors

CIELCh(82, 31.294, 123.482)

Have a look what the booklet for
CIELCh(82, 31.294, 123.482)
contains.

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Color

CIELCh(82, 31.503, 123.329)

Conversions

Conversions Part 1

Format	Color
Hex	BED49A
RGB	190, 212, 154
RGB Percent	75%, 83%, 60%
CMY	0.2553, 0.1690, 0.3965
CMYK	0.10, 0.00, 0.27, 0.17
HSL	83°, 40%, 72%
HSV	83°, 27%, 83%
XYZ	50.5510, 60.2982, 39.5029
YIQ	198.8100, 5.5060, -22.7020

Conversions

Conversions Part 2

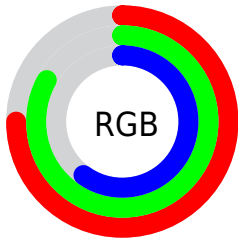
Format	Color
RYB	154, 212, 176
Decimal	12506266
CIELab	82.00, -17.31, 26.32
CIELCh	82, 31.503, 123.329
Yxy	60.2982, 0.3362, 0.4010
Android (android.graphics.Color)	4290696346 (0xFFBED49A)
YUV	198.8100, -22.0913, -7.7264
Hunter-Lab	77.6519, -19.6882, 24.1945

Details

The CIELCh color $82, 31.503, 123.329$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 33.063, 306.331$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 23.451, 115.685$, and $62, 31.487, 123.062$ is the 20% darker color. If you saturate the color by 10%, you get $81, 42.760, 122.811$, and if you desaturate by 10%, it is $83, 20.047, 123.863$.

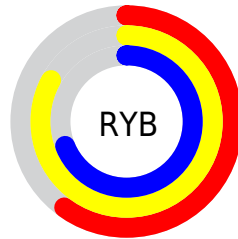
Distribution



Red (75%)

Green (83%)

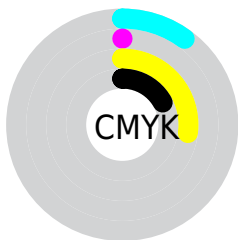
Blue (60%)



Red (60%)

Yellow (83%)

Blue (69%)

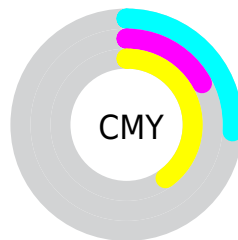


Cyan (10%)

Magenta (0%)

Yellow (27%)

Black (17%)



Cyan (26%)


Magenta (17%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 31.503, 123.329 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, 31.503, 123.329 by changing the saturation by 10% instead.


 82, 31.503,
123.329


 82, 31.503,
123.329


 100, 31.503,
123.329


 72, 31.503,
123.329

 62, 31.503,
123.329

 52, 31.503,
123.329

 42, 31.503,
123.329

 32, 31.503,
123.329

 22, 31.503,
123.329

 12, 31.503,

123.329

■ 2, 31.503, 123.329

■ 0, 31.503, 123.329

■ 82, 31.503,
123.329

■ 82, 31.503,
123.329

■ 81, 42.760,
122.811

■ 83, 20.047,
123.863

■ 80, 53.643,
122.337

■ 84, 8.504, 124.389

■ 80, 63.900,
121.962

■ 85, 3.044, 304.850

■ 79, 73.170,
121.768

■ 86, 14.541,
305.338

■ 78, 80.978,

■ 88, 23.500,
307.171

121.862

88, 24.359,
313.494

78, 86.825,
122.366

89, 25.489,
319.412

77, 90.482,
123.348

90, 26.864,
324.858

77, 91.270,
123.633

90, 27.011,
325.365

Harmonies

Complementary

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



82, 31.503, 123.329



67, 33.063, 306.331

Rectangle

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



82, 31.503, 123.329



82, 31.503, 173.329



82, 31.503, 303.329



82, 31.503, 353.329

Sweetspot

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



82, 31.505, 123.331



99, 10.729, 124.352



74, 18.875, 57.380



53, 7.626, 124.272



0, 0.000, 0.000



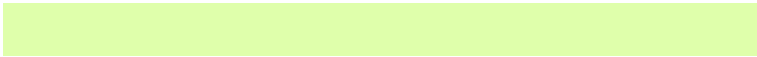
53, 0.007, 296.813

Same Dimension

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



82, 31.505, 123.331



96, 44.006, 123.017



80, 36.060, 139.222



45, 6.609, 124.282



63, 77.599, 123.395



15, 26.704, 124.204

Inverse Universe

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



67, 33.063, 306.331



75, 46.739, 306.739



70, 36.344, 322.042



42, 6.721, 305.233



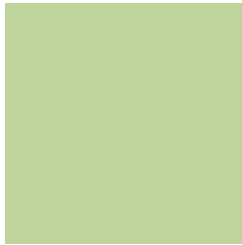
24, 94.722, 309.569



3, 28.342, 304.028

Previews

White Background



This preview shows how the CIELCh color 82, 31.503, 123.329 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 82, 31.503, 123.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

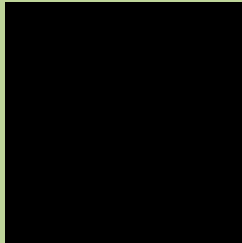
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 31.503, 123.329

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.503, 123.329.



This preview shows how white text looks on a background with the CIELCh color 82, 31.503, 123.329.

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](#).

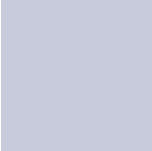
Dichromacy



Original Color
82, 31.503, 123.329

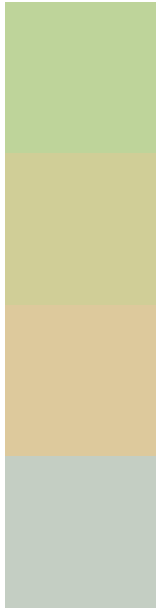
Protanopia
82, 28.502, 95.415

Deuteranopia
82, 27.116, 67.288



Tritanopia
82, 8.578, 281.512

Trichromacy



Original Color
82, 31.503, 123.329

Protanomaly
82, 28.806, 106.014

Deuteranomaly
82, 25.073, 89.379

Tritanomaly
82, 6.912, 141.735

Monochromacy



Original Color
82, 31.503, 123.329

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 11.525, 124.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 31.503, 123.329 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(190, 212, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 154)  
}
```

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(190, 212, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.503, 123.329 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(190, 212, 154) }
```

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

```
.border{ border-color:rgb(190, 212, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.503, 123.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 154) }
```

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

```
.background{ background-color: rgb(190,  
212, 154) }
```

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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