

Converting Colors

CIELCh(82, 31.122, 136.354)

Have a look what the booklet for
CIELCh(82, 31.122, 136.354)
contains.

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Color

CIELCh(82, 31.274, 136.693)

Conversions

Conversions Part 1

Format	Color
Hex	AFD7A3
RGB	175, 215, 163
RGB Percent	69%, 84%, 64%
CMY	0.3141, 0.1572, 0.3611
CMYK	0.19, 0.00, 0.24, 0.16
HSL	106°, 39%, 74%
HSV	106°, 24%, 84%
XYZ	48.5386, 60.2982, 43.6892
YIQ	197.1120, -7.1480, -24.6520

Conversions

Conversions Part 2

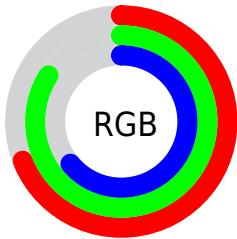
Format	Color
RYB	163, 215, 203
Decimal	11524003
CIELab	82.00, -22.76, 21.45
CIELCh	82, 31.274, 136.693
Yxy	60.2982, 0.3182, 0.3953
Android (android.graphics.Color)	4289714083 (0xFFAFD7A3)
YUV	197.1120, -16.8172, -19.3922
Hunter-Lab	77.6519, -24.3141, 20.9981

Details

The CIELCh color $82, 31.274, 136.693$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 31.694, 318.936$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 20.763, 133.459$, and $62, 31.178, 136.534$ is the 20% darker color. If you saturate the color by 10%, you get $81, 44.122, 136.099$, and if you desaturate by 10%, it is $84, 18.311, 137.237$.

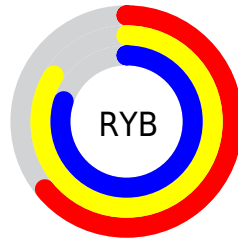
Distribution



Red (69%)

Green (84%)

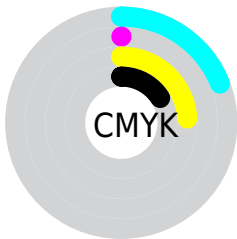
Blue (64%)



Red (64%)

Yellow (84%)

Blue (80%)

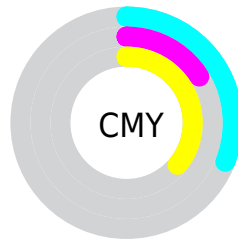


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (16%)



Cyan (31%)


Magenta (16%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 31.274, 136.693 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, 31.274, 136.693 by changing the saturation by 10% instead.


 82, 31.274,
136.693


 82, 31.274,
136.693


 100, 31.274,
136.693


 72, 31.274,
136.693

 62, 31.274,
136.693

 52, 31.274,
136.693

 42, 31.274,
136.693

 32, 31.274,
136.693

 22, 31.274,
136.693

 12, 31.274,

136.693

■ 2, 31.274, 136.693

■ 0, 31.274, 136.693

■ 82, 31.274,
136.693

■ 82, 31.274,
136.693

■ 81, 44.122,
136.099

■ 84, 18.311,
137.237

■ 79, 56.640,
135.467

■ 85, 5.379, 137.742

■ 78, 68.546,
134.835

■ 87, 7.413, 318.091

■ 77, 79.453,
134.270

■ 89, 19.990,
318.470

■ 77, 88.864,

■ 90, 25.115,
325.299

133.874

■ 76, 96.220,
133.778

■ 76, 101.085,
134.085

■ 76, 102.970,
134.363

Harmonies

Complementary

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



82, 31.274, 136.693



72, 31.694, 318.936

Rectangle

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



82, 31.274, 136.693



82, 31.274, 186.693



82, 31.274, 316.693



82, 31.274, 6.693

Sweetspot

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



82, 31.276, 136.694



99, 10.336, 137.595



82, 21.543, 95.437



52, 6.718, 137.565



0, 0.000, 0.000



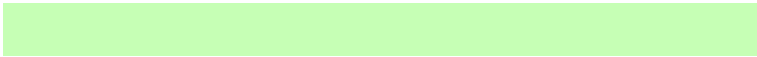
53, 0.007, 296.813

Same Dimension

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



82, 31.276, 136.694



95, 43.050, 136.397



82, 27.828, 151.142



44, 7.285, 137.478



61, 86.600, 134.198



15, 30.117, 136.483

Inverse Universe

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



72, 31.694, 318.936



81, 43.738, 319.159



73, 28.034, 334.621



42, 7.331, 318.273



34, 87.629, 319.686



5, 31.254, 319.507

Previews

White Background



This preview shows how the CIELCh color 82, 31.274, 136.693 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, 31.274, 136.693 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, 31.274, 136.693

Background



This preview shows how black text looks on a background with the CIELCh color 82, 31.274, 136.693.



This preview shows how white text looks on a background with the CIELCh color 82, 31.274, 136.693.

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, 31.274, 136.693

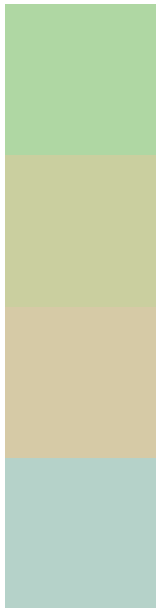
Protanopia
82, 24.845, 95.007

Deuteranopia
82, 22.226, 61.576



Tritanopia
82, 11.178, 248.609

Trichromacy



Original Color
82, 31.274, 136.693

Protanomaly
82, 25.251, 112.397

Deuteranomaly
81, 19.566, 94.523

Tritanomaly
82, 11.469, 174.000

Monochromacy



Original Color
82, 31.274, 136.693

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.560, 138.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 31.274, 136.693 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(175, 215, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 215, 163)  
}
```

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(175, 215, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 215, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 31.274, 136.693 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(175, 215, 163) }
```

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

```
.border{ border-color:rgb(175, 215, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 215, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 215, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 215, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 215,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 31.274, 136.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 215, 163) }
```

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

```
.background{ background-color: rgb(175,  
215, 163) }
```

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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