

Converting Colors

CIELCh(81, 36.456, 130.375)

Have a look what the booklet for
CIELCh(81, 36.456, 130.375)
contains.

CIELCh(81, 36.456, 130.375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 36.456, 130.375)

Conversions

Conversions Part 1

Format	Color
Hex	AFD494
RGB	175, 212, 148
RGB Percent	69%, 83%, 58%
CMY	0.3129, 0.1678, 0.4188
CMYK	0.17, 0.00, 0.30, 0.17
HSL	95°, 43%, 71%
HSV	95°, 30%, 83%
XYZ	46.6798, 58.4711, 36.9231
YIQ	193.6410, -1.5080, -27.7480

Conversions

Conversions Part 2

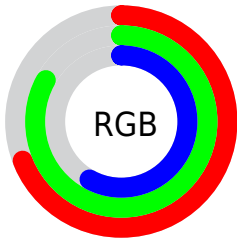
Format	Color
RYB	148, 212, 185
Decimal	11523220
CIELab	81.00, -23.62, 27.77
CIELCh	81, 36.456, 130.375
Yxy	58.4711, 0.3286, 0.4116
Android (android.graphics.Color)	4289713300 (0xFFAFD494)
YUV	193.6410, -22.5010, -16.3482
Hunter-Lab	76.4664, -24.8488, 24.8973

Details

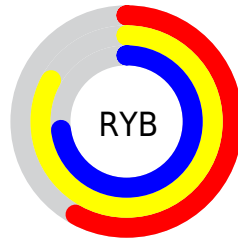
The CIELCh color $81, 36.456, 130.375$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $67, 37.733, 313.104$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 28.301, 126.411$, and $61, 36.072, 130.194$ is the 20% darker color. If you saturate the color by 10%, you get $80, 48.294, 129.886$, and if you desaturate by 10%, it is $82, 24.406, 130.864$.

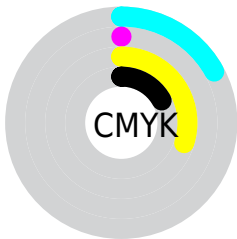
Distribution



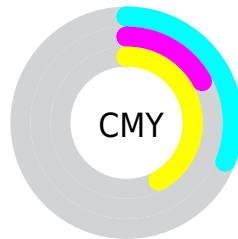
- Red (69%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)





- Cyan (31%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 36.456, 130.375 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, 36.456, 130.375 by changing the saturation by 10% instead.


 81, 36.456,
130.375


 81, 36.456,
130.375


 100, 36.456,
130.375


 71, 36.456,
130.375

 61, 36.456,
130.375

 51, 36.456,
130.375

 41, 36.456,
130.375

 31, 36.456,
130.375

 21, 36.456,
130.375

 11, 36.456,

130.375

■ 1, 36.456, 130.375

■ 0, 36.456, 130.375

■ 81, 36.456,
130.375

■ 81, 36.456,
130.375

■ 80, 48.294,
129.886

■ 82, 24.406,
130.864

■ 79, 59.706,
129.429

■ 84, 12.282,
131.330

■ 78, 70.401,
129.065

■ 85, 0.190, 132.533

■ 77, 79.971,
128.889

■ 86, 11.800,
312.116

■ 77, 87.910,

■ 88, 23.634,
312.468

129.022

■ 89, 25.719,
321.218

■ 76, 93.733,
129.590

■ 90, 26.816,
325.358

■ 76, 97.452,
130.536

Harmonies

Complementary

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



81, 36.456, 130.375



67, 37.733, 313.104

Rectangle

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



81, 36.456, 130.375



81, 36.456, 180.375



81, 36.456, 310.375



81, 36.456, 0.375

Sweetspot

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



81, 36.458, 130.376



99, 12.617, 131.379



76, 22.561, 78.345



52, 8.772, 131.312



0, 0.000, 0.000



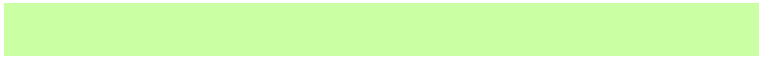
53, 0.007, 296.813

Same Dimension

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



81, 36.458, 130.376



95, 50.366, 130.070



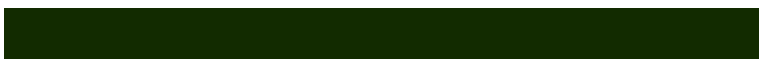
79, 39.658, 144.130



44, 6.908, 131.364



62, 82.707, 130.303



15, 28.462, 131.588

Inverse Universe

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



67, 37.733, 313.104



75, 52.527, 313.401



69, 39.671, 327.991



42, 6.987, 312.135



28, 90.851, 313.884



3, 29.569, 311.627

Previews

White Background



This preview shows how the CIELCh color 81, 36.456, 130.375 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, 36.456, 130.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

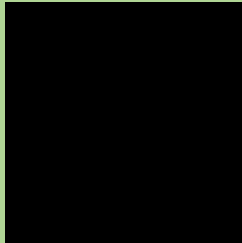
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 36.456, 130.375

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.456, 130.375.



This preview shows how white text looks on a background with the CIELCh color 81, 36.456, 130.375.

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, 36.456, 130.375

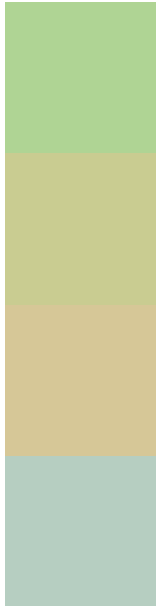
Protanopia
81, 30.704, 95.187

Deuteranopia
81, 28.055, 68.485



Tritanopia
81, 10.206, 255.835

Trichromacy



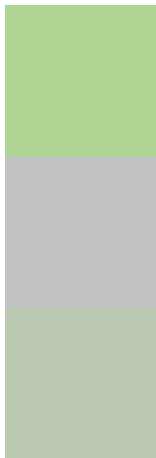
Original Color
81, 36.456, 130.375

Protanomaly
81, 30.934, 109.618

Deuteranomaly
80, 26.054, 94.464

Tritanomaly
81, 11.198, 160.558

Monochromacy



Original Color
81, 36.456, 130.375

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 13.830, 131.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.456, 130.375 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, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 212, 148)  
}
```

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, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 212, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.456, 130.375 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, 212, 148) }
```

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

```
.border{ border-color:rgb(175, 212, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 212, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 212, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 212, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 212,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.456, 130.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 212, 148) }
```

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

```
.background{ background-color: rgb(175,  
212, 148) }
```

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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