

Converting Colors

CIELCh(81, 36.857, 127.913)

Have a look what the booklet for
CIELCh(81, 36.857, 127.913)
contains.

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Color

CIELCh(81, 36.953, 128.156)

Conversions

Conversions Part 1

Format	Color
Hex	B2D492
RGB	178, 212, 146
RGB Percent	70%, 83%, 57%
CMY	0.3029, 0.1696, 0.4283
CMYK	0.16, 0.00, 0.31, 0.17
HSL	91°, 43%, 70%
HSV	91°, 31%, 83%
XYZ	46.9594, 58.4711, 35.9124
YIQ	194.3100, 0.9220, -27.7340

Conversions

Conversions Part 2

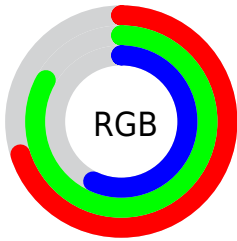
Format	Color
RYB	146, 212, 180
Decimal	11719826
CIELab	81.00, -22.83, 29.06
CIELCh	81, 36.953, 128.156
Yxy	58.4711, 0.3322, 0.4137
Android (android.graphics.Color)	4289909906 (0xFFB2D492)
YUV	194.3100, -23.8168, -14.3039
Hunter-Lab	76.4664, -24.1962, 25.6810

Details

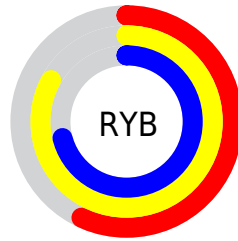
The CIELCh color $81, 36.953, 128.156$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66, 38.546, 311.092$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 28.918, 123.720$, and $61, 36.721, 128.394$ is the 20% darker color. If you saturate the color by 10%, you get $80, 48.517, 127.680$, and if you desaturate by 10%, it is $82, 25.154, 128.644$.

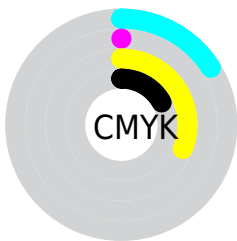
Distribution



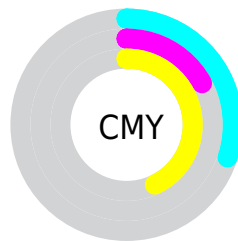
- Red (70%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)





- Cyan (30%)
- Magenta (17%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 36.953, 128.156 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, 36.953, 128.156 by changing the saturation by 10% instead.


 81, 36.953,
128.156


 81, 36.953,
128.156


 100, 36.953,
128.156


 71, 36.953,
128.156

 61, 36.953,
128.156

 51, 36.953,
128.156

 41, 36.953,
128.156

 31, 36.953,
128.156

 21, 36.953,
128.156

 11, 36.953,

128.156

■ 1, 36.953, 128.156

■ 0, 36.953, 128.156

■ 81, 36.953,
128.156

■ 81, 36.953,
128.156

■ 80, 48.517,
127.680

■ 82, 25.154,
128.644

■ 79, 59.635,
127.253

■ 83, 13.258,
129.118

■ 78, 70.011,
126.939

■ 85, 1.367, 129.643

■ 78, 79.235,
126.835

■ 86, 10.449,
309.943

■ 77, 86.801,

■ 88, 22.139,
310.319

127.064

89, 25.132,
317.326

76, 92.250,
127.749

90, 26.937,
324.815

76, 95.428,
128.687

90, 27.098,
325.368

Harmonies

Complementary

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



81, 36.953, 128.156



66, 38.546, 311.092

Rectangle

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



81, 36.953, 128.156



81, 36.953, 178.156



81, 36.953, 308.156



81, 36.953, 358.156

Sweetspot

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



81, 36.955, 128.158



99, 12.424, 129.214



75, 22.450, 71.545



52, 8.637, 129.146



0, 0.000, 0.000



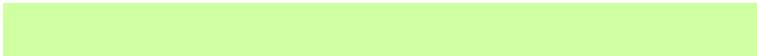
53, 0.007, 296.813

Same Dimension

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



81, 36.955, 128.158



95, 50.851, 127.857



79, 42.780, 142.243



45, 6.802, 129.199



62, 81.127, 128.444



15, 27.887, 129.510

Inverse Universe

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



66, 38.546, 311.092



74, 53.538, 311.422



69, 42.766, 326.124



42, 6.892, 310.003



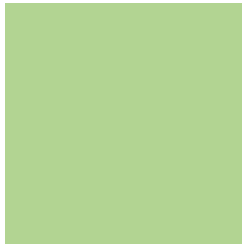
27, 92.076, 312.314



3, 29.077, 309.011

Previews

White Background



This preview shows how the CIELCh color 81, 36.953, 128.156 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, 36.953, 128.156 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, 36.953, 128.156

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.953, 128.156.



This preview shows how white text looks on a background with the CIELCh color 81, 36.953, 128.156.

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](#).

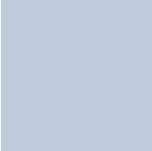
Dichromacy



Original Color
81, 36.953, 128.156

Protanopia
81, 32.196, 95.602

Deuteranopia
81, 29.185, 69.034



Tritanopia
81, 9.684, 260.864

Trichromacy



Original Color
81, 36.953, 128.156

Protanomaly
81, 32.430, 108.685

Deuteranomaly
80, 27.681, 94.197

Tritanomaly
81, 10.746, 154.959

Monochromacy



Original Color
81, 36.953, 128.156

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 13.561, 128.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.953, 128.156 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(178, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 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(178, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.953, 128.156 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(178, 212, 146) }
```

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

```
.border{ border-color:rgb(178, 212, 146) }
```

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

Here you see how a box with a 4 pixel rgb(178, 212, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.953, 128.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 146) }
```

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

```
.background{ background-color: rgb(178,  
212, 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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