

Converting Colors

CIELCh(81, 39.808, 124.166)

Have a look what the booklet for
CIELCh(81, 39.808, 124.166)
contains.

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Color

CIELCh(81, 39.808, 124.166)

Conversions

Conversions Part 1

Format	Color
Hex	B5D38A
RGB	181, 211, 138
RGB Percent	71%, 83%, 54%
CMY	0.2888, 0.1712, 0.4575
CMYK	0.14, 0.00, 0.35, 0.17
HSL	85°, 46%, 69%
HSV	85°, 35%, 83%
XYZ	47.1285, 58.4711, 32.9711
YIQ	193.7080, 5.5530, -29.0630

Conversions

Conversions Part 2

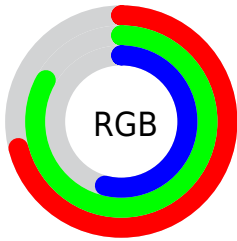
Format	Color
RYB	138, 211, 168
Decimal	11916170
CIELab	81.00, -22.36, 32.94
CIELCh	81, 39.808, 124.166
Yxy	58.4711, 0.3401, 0.4220
Android (android.graphics.Color)	4290106250 (0xFFB5D38A)
YUV	193.7080, -27.4640, -11.1449
Hunter-Lab	76.4664, -23.8015, 27.9615

Details

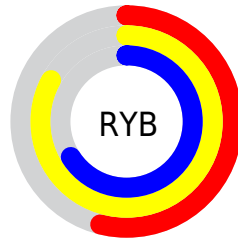
The CIELCh color $81, 39.808, 124.166$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $63, 42.240, 307.858$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 32.429, 119.146$, and $61, 39.597, 124.104$ is the 20% darker color. If you saturate the color by 10%, you get $80, 50.890, 123.689$, and if you desaturate by 10%, it is $82, 28.418, 124.679$.

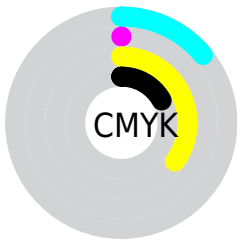
Distribution



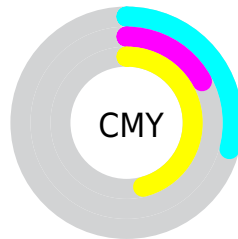
- Red (71%)
- Green (83%)
- Blue (54%)



- Red (54%)
- Yellow (83%)
- Blue (66%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 39.808, 124.166 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, 39.808, 124.166 by changing the saturation by 10% instead.

■ 81, 39.808,
124.166

■ 81, 39.808,
124.166

■ 100, 39.808,
124.166

■ 71, 39.808,
124.166

■ 61, 39.808,
124.166

■ 51, 39.808,
124.166

■ 41, 39.808,
124.166

■ 31, 39.808,
124.166

■ 21, 39.808,
124.166

■ 11, 39.808,

124.166

■ 1, 39.808, 124.166

■ 0, 39.808, 124.166

■ 81, 39.808,
124.166

■ 81, 39.808,
124.166

■ 80, 50.890,
123.689

■ 82, 28.418,
124.679

■ 79, 61.432,
123.291

■ 83, 16.868,
125.192

■ 79, 71.107,
123.046

■ 84, 5.266, 125.699

■ 78, 79.471,
123.058

■ 85, 6.314, 306.135

■ 87, 17.820,
306.580

■ 77, 86.016,

123.450

88, 24.163,
310.083

77, 90.366,
124.324

88, 25.234,
316.630

77, 92.058,
124.935

89, 26.603,
322.672

90, 27.356,
325.377

Harmonies

Complementary

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



81, 39.808, 124.166



63, 42.240, 307.858

Rectangle

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



81, 39.808, 124.166



81, 39.808, 174.166



81, 39.808, 304.166



81, 39.808, 354.166

Sweetspot

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



81, 39.810, 124.168



99, 13.497, 125.417



72, 24.401, 60.446



52, 9.210, 125.346



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, 39.810, 124.168



95, 54.716, 123.832



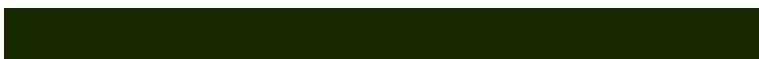
79, 45.811, 139.561



44, 6.518, 125.453



62, 77.530, 124.675



14, 25.398, 126.170

Inverse Universe

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



63, 42.240, 307.858



70, 58.863, 308.317



66, 46.101, 323.366



41, 6.624, 306.358



24, 93.071, 310.139



2, 26.320, 304.259

Previews

White Background



This preview shows how the CIELCh color 81, 39.808, 124.166 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, 39.808, 124.166 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, 39.808, 124.166

Background



This preview shows how black text looks on a background with the CIELCh color 81, 39.808, 124.166.



This preview shows how white text looks on a background with the CIELCh color 81, 39.808, 124.166.

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, 39.808, 124.166

Protanopia
81, 35.814, 95.696

Deuteranopia
81, 32.767, 71.427



Tritanopia
81, 9.117, 268.457

Trichromacy



Original Color
81, 39.808, 124.166

Protanomaly
81, 35.980, 106.939

Deuteranomaly
81, 31.537, 93.114

Tritanomaly
81, 10.603, 145.593

Monochromacy



Original Color
81, 39.808, 124.166

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 14.445, 125.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 39.808, 124.166 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(181, 211, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 211, 138)  
}
```

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(181, 211, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 211, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 39.808, 124.166 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(181, 211, 138) }
```

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

```
.border{ border-color:rgb(181, 211, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 211, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 211, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 211, 138); box-shadow:4px 4px 4px 4px rgb(181, 211, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 39.808, 124.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 211, 138) }
```

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

```
.background{ background-color: rgb(181,  
211, 138) }
```

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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