

Converting Colors

CIELCh(81, 37.033, 123.219)

Have a look what the booklet for
CIELCh(81, 37.033, 123.219)
contains.

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Color

CIELCh(81, 36.932, 123.183)

Conversions

Conversions Part 1

Format	Color
Hex	B8D28E
RGB	184, 210, 142
RGB Percent	72%, 82%, 56%
CMY	0.2770, 0.1750, 0.4418
CMYK	0.12, 0.00, 0.32, 0.18
HSL	83°, 43%, 69%
HSV	83°, 32%, 82%
XYZ	47.8980, 58.4711, 34.4876
YIQ	194.4740, 6.3320, -26.6600

Conversions

Conversions Part 2

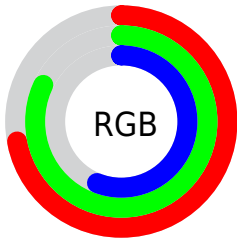
Format	Color
RYB	142, 210, 168
Decimal	12112526
CIELab	81.00, -20.21, 30.91
CIELCh	81, 36.932, 123.183
Yxy	58.4711, 0.3400, 0.4151
Android (android.graphics.Color)	4290302606 (0xFFB8D28E)
YUV	194.4740, -25.8697, -9.1857
Hunter-Lab	76.4664, -22.0050, 26.7857

Details

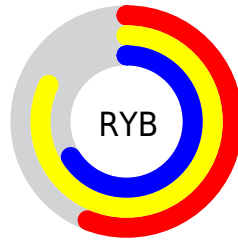
The CIELCh color **81, 36.932, 123.183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 39.133, 306.766**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 30.247, 117.925**, and **61, 36.621, 123.099** is the 20% darker color. If you saturate the color by 10%, you get **80, 47.974, 122.684**, and if you desaturate by 10%, it is **82, 25.618, 123.713**.

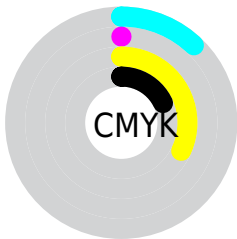
Distribution



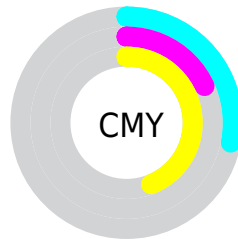
- Red (72%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (66%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)





- Cyan (28%)
- Magenta (18%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 36.932, 123.183 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, 36.932, 123.183 by changing the saturation by 10% instead.


 81, 36.932,
123.183


 81, 36.932,
123.183


 100, 36.932,
123.183


 71, 36.932,
123.183


 61, 36.932,
123.183

 51, 36.932,
123.183

 41, 36.932,
123.183

 31, 36.932,
123.183

 21, 36.932,
123.183

 11, 36.932,

123.183

■ 1, 36.932, 123.183

■ 0, 36.932, 123.183

■ 81, 36.932,
123.183

■ 81, 36.932,
123.183

■ 80, 47.974,
122.684

■ 82, 25.618,
123.713

■ 79, 58.532,
122.252

■ 83, 14.166,
124.241

■ 79, 68.306,
121.956

■ 84, 2.673, 124.773

■ 78, 76.878,
121.891

■ 85, 8.794, 305.213

■ 86, 20.186,
305.667

■ 77, 83.745,

122.174

87, 24.685,
309.836

77, 88.480,
122.918

88, 25.648,
315.799

77, 90.859,
123.752

89, 26.864,
321.361

89, 27.976,
325.399

Harmonies

Complementary

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



81, 36.932, 123.183



64, 39.133, 306.766

Rectangle

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



81, 36.932, 123.183



81, 36.932, 173.183



81, 36.932, 303.183



81, 36.932, 353.183

Sweetspot

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



81, 36.934, 123.185



99, 13.422, 124.357



72, 22.556, 56.979



53, 9.158, 124.283



0, 0.000, 0.000



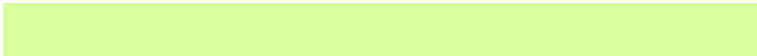
53, 0.007, 296.813

Same Dimension

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



81, 36.934, 123.185



95, 51.804, 122.824



79, 42.305, 138.876



44, 6.482, 124.394



63, 76.805, 123.501



14, 25.167, 124.954

Inverse Universe

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



64, 39.133, 306.766



71, 55.710, 307.265



67, 42.678, 322.267



41, 6.592, 305.338



23, 93.608, 309.631



2, 26.214, 303.311

Previews

White Background



This preview shows how the CIELCh color 81, 36.932, 123.183 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 81, 36.932, 123.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

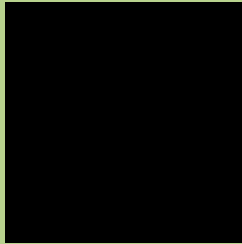
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 36.932, 123.183

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.932, 123.183.



This preview shows how white text looks on a background with the CIELCh color 81, 36.932, 123.183.

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, 36.932, 123.183

Protanopia
81, 33.713, 95.949

Deuteranopia
81, 31.186, 70.566



Tritanopia
81, 8.721, 276.982

Trichromacy



Original Color
81, 36.932, 123.183

Protanomaly
81, 33.467, 106.464

Deuteranomaly
81, 29.521, 92.393

Tritanomaly
81, 8.880, 142.180

Monochromacy



Original Color
81, 36.932, 123.183

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 13.811, 124.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.932, 123.183 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(184, 210, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 210, 142)  
}
```

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(184, 210, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 210, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.932, 123.183 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(184, 210, 142) }
```

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

```
.border{ border-color:rgb(184, 210, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 210, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 210, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 210, 142); box-shadow:4px 4px 4px 4px rgb(184, 210, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.932, 123.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 210, 142) }
```

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

```
.background{ background-color: rgb(184,  
210, 142) }
```

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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