

Converting Colors

CIELCh(81, 44.503, 120.632)

Have a look what the booklet for
CIELCh(81, 44.503, 120.632)
contains.

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Color

CIELCh(81, 44.280, 120.563)

Conversions

Conversions Part 1

Format	Color
Hex	B8D380
RGB	184, 211, 128
RGB Percent	72%, 83%, 50%
CMY	0.2776, 0.1717, 0.4973
CMYK	0.13, 0.00, 0.39, 0.17
HSL	80°, 49%, 67%
HSV	80°, 39%, 83%
XYZ	47.0714, 58.4711, 29.2942
YIQ	193.4650, 10.5510, -31.5370

Conversions

Conversions Part 2

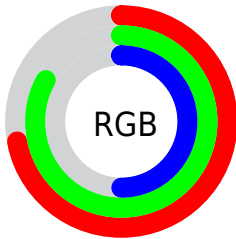
Format	Color
RYB	128, 211, 155
Decimal	12112768
CIELab	81.00, -22.52, 38.13
CIELCh	81, 44.280, 120.563
Yxy	58.4711, 0.3491, 0.4336
Android (android.graphics.Color)	4290302848 (0xFFB8D380)
YUV	193.4650, -32.2742, -8.3008
Hunter-Lab	76.4664, -23.9347, 30.8125

Details

The CIELCh color **81, 44.280, 120.563** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **59, 47.945, 305.433**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 37.097, 115.667**, and **61, 44.064, 120.219** is the 20% darker color. If you saturate the color by 10%, you get **80, 54.885, 120.074**, and if you desaturate by 10%, it is **82, 33.256, 121.113**.

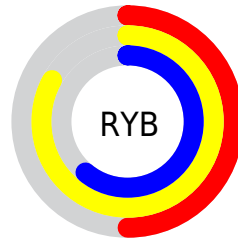
Distribution



Red (72%)

Green (83%)

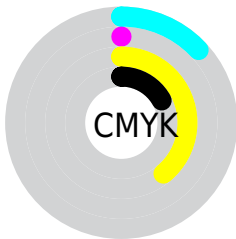
Blue (50%)



Red (50%)

Yellow (83%)

Blue (61%)

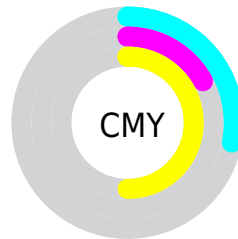


Cyan (13%)

Magenta (0%)

Yellow (39%)

Black (17%)



Cyan (28%)


Magenta (17%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 44.280, 120.563 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, 44.280, 120.563 by changing the saturation by 10% instead.


 81, 44.280,
120.563

 81, 44.280,
120.563


 100, 44.280,
120.563


 71, 44.280,
120.563

 61, 44.280,
120.563

 51, 44.280,
120.563

 41, 44.280,
120.563

 31, 44.280,
120.563

 21, 44.280,
120.563

 11, 44.280,

120.563

■ 1, 44.280, 120.563

■ 0, 44.280, 120.563

■ 81, 44.280,
120.563

■ 81, 44.280,
120.563

■ 80, 54.885,
120.074

■ 82, 33.256,
121.113

■ 80, 64.796,
119.696

■ 83, 21.991,
121.682

■ 79, 73.629,
119.515

■ 84, 10.610,
122.248

■ 78, 80.892,
119.636

■ 85, 0.803, 302.712

■ 78, 86.106,

■ 86, 12.190,
303.298

120.175

87, 23.508,
303.785

78, 89.257,
121.145

88, 24.131,
309.242

78, 89.451,
121.214

88, 24.921,
314.486

89, 25.903,
319.435

Harmonies

Complementary

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



81, 44.280, 120.563



59, 47.945, 305.433

Rectangle

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



81, 44.280, 120.563



81, 44.280, 170.563



81, 44.280, 300.563



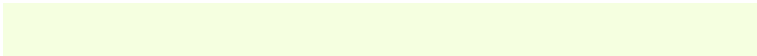
81, 44.280, 350.563

Sweetspot

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



81, 44.282, 120.565



99, 15.944, 122.089



69, 28.421, 51.128



52, 10.575, 122.014



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, 44.282, 120.565



95, 61.119, 120.156



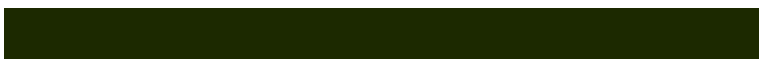
79, 50.603, 137.069



44, 6.417, 122.242



63, 75.414, 120.976



14, 24.736, 122.385

Inverse Universe

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



59, 47.945, 305.433



65, 67.541, 306.126



63, 51.368, 321.043



41, 6.535, 303.279



22, 94.626, 308.736



2, 26.039, 301.554

Previews

White Background



This preview shows how the CIELCh color 81, 44.280, 120.563 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, 44.280, 120.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

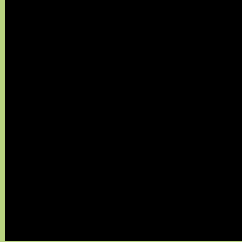
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 44.280, 120.563

Background



This preview shows how black text looks on a background with the CIELCh color 81, 44.280, 120.563.



This preview shows how white text looks on a background with the CIELCh color 81, 44.280, 120.563.

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, 44.280, 120.563

Protanopia
81, 40.884, 95.928

Deuteranopia
81, 37.742, 74.347



Tritanopia
81, 8.651, 279.233

Trichromacy



Original Color
81, 44.280, 120.563

Protanomaly
81, 41.005, 105.906

Deuteranomaly
81, 36.764, 93.203

Tritanomaly
81, 11.679, 133.733

Monochromacy



Original Color
81, 44.280, 120.563

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 16.382, 122.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 44.280, 120.563 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, 211, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 128)  
}
```

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, 211, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 44.280, 120.563 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, 211, 128) }
```

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

```
.border{ border-color:rgb(184, 211, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 211, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 44.280, 120.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 211, 128) }
```

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

```
.background{ background-color: rgb(184,  
211, 128) }
```

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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