

Converting Colors

CIELCh(81, 48.814, 117.186)

Have a look what the booklet for
CIELCh(81, 48.814, 117.186)
contains.

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Color

CIELCh(81, 48.674, 117.063)

Conversions

Conversions Part 1

Format	Color
Hex	BCD376
RGB	188, 211, 118
RGB Percent	74%, 83%, 46%
CMY	0.2635, 0.1732, 0.5379
CMYK	0.11, 0.00, 0.44, 0.17
HSL	75°, 51%, 64%
HSV	75°, 44%, 83%
XYZ	47.2038, 58.4711, 25.8852
YIQ	193.5210, 16.1450, -33.7990

Conversions

Conversions Part 2

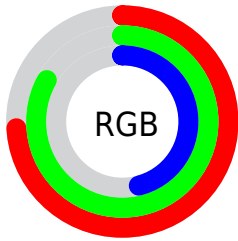
Format	Color
R_{YB}	118, 211, 141
Decimal	12374902
CIE _{Lab}	81.00, -22.15, 43.34
CIE _{LCh}	81, 48.674, 117.063
Yxy	58.4711, 0.3588, 0.4444
Android (android.graphics.Color)	4290564982 (0xFFBCD376)
YUV	193.5210, -37.2319, -4.8419
Hunter-Lab	76.4664, -23.6257, 33.4558

Details

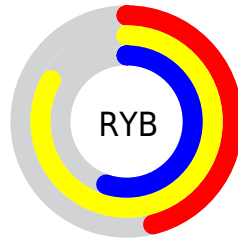
The CIELCh color **81, 48.674, 117.063** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **55, 53.864, 303.455**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 41.763, 112.323**, and **61, 48.422, 116.959** is the 20% darker color. If you saturate the color by 10%, you get **80, 58.777, 116.552**, and if you desaturate by 10%, it is **82, 38.022, 117.659**.

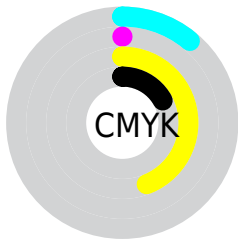
Distribution



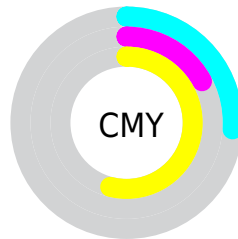
- Red (74%)
- Green (83%)
- Blue (46%)



- Red (46%)
- Yellow (83%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (44%)
- Black (17%)




- Cyan (26%)
- Magenta (17%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 48.674, 117.063 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, 48.674, 117.063 by changing the saturation by 10% instead.


 81, 48.674,
117.063


 81, 48.674,
117.063


 100, 48.674,
117.063


 71, 48.674,
117.063

 61, 48.674,
117.063

 51, 48.674,
117.063

 41, 48.674,
117.063

 31, 48.674,
117.063

 21, 48.674,
117.063

 11, 48.674,

117.063

■ 1, 48.674, 117.063

■ 0, 48.674, 117.063

■ 81, 48.674,
117.063

■ 81, 48.674,
117.063

■ 80, 58.777,
116.552

■ 82, 38.022,
117.659

■ 80, 68.000,
116.182

■ 82, 27.038,
118.290

■ 79, 75.899,
116.041

■ 83, 15.871,
118.930

■ 79, 81.960,
116.232

■ 84, 4.620, 119.564

■ 79, 85.795,

■ 85, 6.648, 300.160

116.843

86, 17.886,
300.740

78, 87.262,
117.351

87, 23.705,
303.100

87, 24.109,
307.253

88, 24.632,
311.291

Harmonies

Complementary

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



81, 48.674, 117.063



55, 53.864, 303.455

Rectangle

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



81, 48.674, 117.063



81, 48.674, 167.063



81, 48.674, 297.063



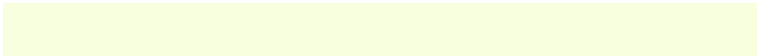
81, 48.674, 347.063

Sweetspot

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



81, 48.675, 117.065



99, 17.068, 118.992



65, 33.534, 42.680



52, 11.939, 118.850



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, 48.675, 117.065



95, 67.251, 116.576



78, 55.055, 134.477



44, 6.344, 119.229



64, 73.710, 117.150



15, 24.227, 118.586

Inverse Universe

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



55, 53.864, 303.455



59, 76.549, 304.471



60, 56.587, 318.644



41, 6.470, 300.421



21, 95.857, 307.763



2, 25.863, 299.444

Previews

White Background



This preview shows how the CIELCh color 81, 48.674, 117.063 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, 48.674, 117.063 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, 48.674, 117.063

Background



This preview shows how black text looks on a background with the CIELCh color 81, 48.674, 117.063.



This preview shows how white text looks on a background with the CIELCh color 81, 48.674, 117.063.

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





Tritanopia
81, 7.978, 290.890

Trichromacy



Original Color
81, 48.674, 117.063

Protanomaly
81, 46.432, 104.446

Deuteranomaly
81, 42.518, 92.662

Tritanomaly
81, 13.060, 122.418

Monochromacy



Original Color
81, 48.674, 117.063

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 17.779, 118.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 48.674, 117.063 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(188, 211, 118)` looks like.

```
.text, #text, p{  
    color:rgb(188, 211, 118)  
}
```

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(188, 211, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 211, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 48.674, 117.063 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(188, 211, 118) }
```

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

```
.border{ border-color:rgb(188, 211, 118) }
```

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

Here you see how a box with a 4 pixel rgb(188, 211, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 211, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 211, 118);  
box-shadow:4px 4px 4px 4px rgb(188, 211,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 48.674, 117.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 211, 118) }
```

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

```
.background{ background-color: rgb(188,  
211, 118) }
```

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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