

Converting Colors

CIELCh(81, 45.497, 105.033)

Have a look what the booklet for
CIELCh(81, 45.497, 105.033)
contains.

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Color

CIELCh(81, 45.448, 105.030)

Conversions

Conversions Part 1

Format	Color
Hex	CFCD75
RGB	207, 205, 117
RGB Percent	81%, 80%, 46%
CMY	0.1866, 0.1945, 0.5397
CMYK	0.00, 0.01, 0.43, 0.19
HSL	59°, 49%, 64%
HSV	59°, 43%, 81%
XYZ	51.0065, 58.4711, 25.5428
YIQ	195.5660, 29.4400, -26.9440

Conversions

Conversions Part 2

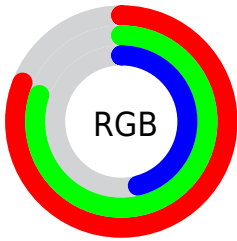
Format	Color
RYB	119, 207, 117
Decimal	13618549
CIELab	81.00, -11.79, 43.89
CIElCh	81, 45.448, 105.030
Yxy	58.4711, 0.3778, 0.4331
Android (android.graphics.Color)	4291808629 (0xFFCFCD75)
YUV	195.5660, -38.7330, 10.0276
Hunter-Lab	76.4664, -14.7487, 33.7213

Details

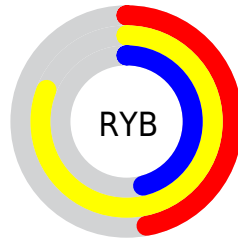
The CIELCh color **81, 45.448, 105.030** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **54, 50.743, 295.356**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 42.047, 106.967**, and **61, 45.505, 105.031** is the 20% darker color. If you saturate the color by 10%, you get **81, 55.055, 104.123**, and if you desaturate by 10%, it is **81, 35.326, 105.992**.

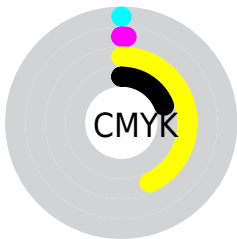
Distribution



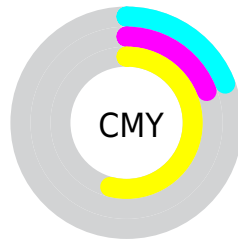
- Red (81%)
- Green (80%)
- Blue (46%)



- Red (47%)
- Yellow (81%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (19%)





- Cyan (19%)
- Magenta (19%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 45.448, 105.030 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, 45.448, 105.030 by changing the saturation by 10% instead.


 81, 45.448,
105.030


 81, 45.448,
105.030


 100, 45.448,
105.030


 71, 45.448,
105.030

 61, 45.448,
105.030

 51, 45.448,
105.030

 41, 45.448,
105.030

 31, 45.448,
105.030

 21, 45.448,
105.030

 11, 45.448,

105.030

■ 1, 45.448, 105.030

■ 0, 45.448, 105.030

■ 81, 45.448,
105.030

■ 81, 45.448,
105.030

■ 81, 55.055,
104.123

■ 81, 35.326,
105.992

■ 80, 63.820,
103.291

■ 82, 24.899,
106.976

■ 80, 71.291,
102.574

■ 82, 14.307,
107.964

■ 80, 76.937,
102.007

■ 83, 3.635, 108.929

■ 80, 80.326,

■ 84, 7.060, 289.921

101.612

84, 17.741,
290.846

80, 81.564,
101.425

85, 24.417,
291.277

85, 24.165,
290.884

85, 23.914,
290.483

Harmonies

Complementary

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



81, 45.448, 105.030



54, 50.743, 295.356

Rectangle

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



81, 45.448, 105.030



81, 45.448, 155.030



81, 45.448, 285.030



81, 45.448, 335.030

Sweetspot

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



81, 45.449, 105.033



99, 16.403, 107.989



59, 38.124, 21.425



53, 11.472, 107.769



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, 45.449, 105.033



97, 63.480, 104.192



79, 49.573, 125.835



44, 6.097, 108.355



66, 69.837, 101.446



15, 22.946, 103.722

Inverse Universe

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



54, 50.743, 295.356



58, 73.258, 297.225



57, 53.082, 310.201



40, 6.227, 290.269



20, 96.960, 305.987



2, 25.156, 292.704

Previews

White Background



This preview shows how the CIELCh color 81, 45.448, 105.030 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, 45.448, 105.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

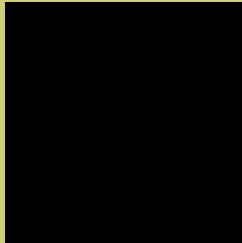
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 45.448, 105.030

Background



This preview shows how black text looks on a background with the CIELCh color 81, 45.448, 105.030.



This preview shows how white text looks on a background with the CIELCh color 81, 45.448, 105.030.

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, 45.448, 105.030

Protanopia
81, 44.891, 95.885

Deuteranopia
81, 44.358, 76.745



Tritanopia
81, 11.602, 337.013

Trichromacy



Original Color
81, 45.448, 105.030

Protanomaly
81, 44.837, 99.700

Deuteranomaly
81, 43.438, 87.086

Tritanomaly
81, 13.489, 83.601

Monochromacy



Original Color
81, 45.448, 105.030

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 16.946, 107.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 45.448, 105.030 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(207, 205, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 117)  
}
```

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(207, 205, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 45.448, 105.030 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(207, 205, 117) }
```

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

```
.border{ border-color:rgb(207, 205, 117) }
```

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

Here you see how a box with a 4 pixel rgb(207, 205, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 45.448, 105.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 117) }
```

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

```
.background{ background-color: rgb(207,  
205, 117) }
```

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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