

Converting Colors

CIELCh(80, 44.485, 119.826)

Have a look what the booklet for
CIELCh(80, 44.485, 119.826)
contains.

CIELCh(80, 44.273, 120.045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 44.273, 120.045)

Conversions

Conversions Part 1

Format	Color
Hex	B6D07D
RGB	182, 208, 125
RGB Percent	71%, 82%, 49%
CMY	0.2854, 0.1834, 0.5090
CMYK	0.12, 0.00, 0.40, 0.18
HSL	79°, 47%, 65%
HSV	79°, 40%, 82%
XYZ	45.6714, 56.6813, 28.0066
YIQ	190.7640, 11.1470, -31.3250

Conversions

Conversions Part 2

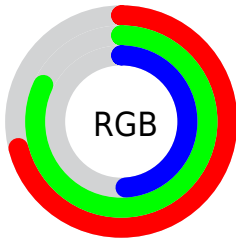
Format	Color
RYB	125, 208, 151
Decimal	11980925
CIELab	80.00, -22.17, 38.32
CIELCh	80, 44.273, 120.045
Yxy	56.6813, 0.3504, 0.4348
Android (android.graphics.Color)	4290171005 (0xFFB6D07D)
YUV	190.7640, -32.4217, -7.6860
Hunter-Lab	75.2870, -23.4685, 30.6451

Details

The CIELCh color **80, 44.273, 120.045** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **58, 48.068, 305.094**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 38.681, 116.373**, and **60, 44.604, 119.996** is the 20% darker color. If you saturate the color by 10%, you get **79, 54.697, 119.552**, and if you desaturate by 10%, it is **81, 33.422, 120.602**.

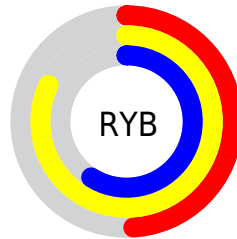
Distribution



Red (71%)

Green (82%)

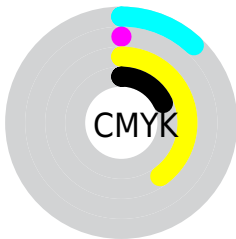
Blue (49%)



Red (49%)

Yellow (82%)

Blue (59%)

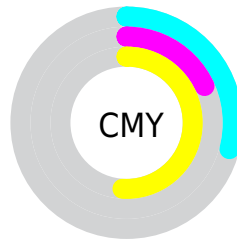


Cyan (12%)

Magenta (0%)

Yellow (40%)

Black (18%)



Cyan (29%)


Magenta (18%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 44.273, 120.045 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 80, 44.273, 120.045 by changing the saturation by 10% instead.


 80, 44.273,
120.045


 80, 44.273,
120.045


 100, 44.273,
120.045


 70, 44.273,
120.045

 60, 44.273,
120.045

 50, 44.273,
120.045

 40, 44.273,
120.045

 30, 44.273,
120.045

 20, 44.273,
120.045

 10, 44.273,

120.045

■ 0, 44.273, 120.045

■ 80, 44.273,
120.045

■ 80, 44.273,
120.045

■ 79, 54.697,
119.552

■ 81, 33.422,
120.602

■ 79, 64.416,
119.173

■ 82, 22.323,
121.179

■ 78, 73.044,
118.994

■ 83, 11.101,
121.755

■ 78, 80.094,
119.121

■ 84, 0.159, 301.960

■ 77, 85.097,
119.664

■ 85, 11.398,
302.829

■ 86, 22.576,

■ 77, 88.122,
120.619

303.328

■ 77, 88.158,
120.632

■ 86, 25.549,
307.189

■ 87, 26.205,
311.940

■ 88, 27.028,
316.488

Harmonies

Complementary

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



80, 44.273, 120.045



58, 48.068, 305.094

Rectangle

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



80, 44.273, 120.045



80, 44.273, 170.045



80, 44.273, 300.045



80, 44.273, 350.045

Sweetspot

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



80, 44.275, 120.047



99, 15.912, 121.625



67, 28.688, 49.366



52, 10.553, 121.549



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 44.275, 120.047



95, 62.178, 119.611



78, 50.459, 136.588



44, 6.405, 121.781



63, 75.133, 120.411



15, 24.650, 121.818

Inverse Universe

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



58, 48.068, 305.094



64, 69.023, 305.854



62, 51.327, 320.550



41, 6.524, 302.839



22, 94.831, 308.567



2, 26.007, 301.205

Previews

White Background



This preview shows how the CIELCh color 80, 44.273, 120.045 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 80, 44.273, 120.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

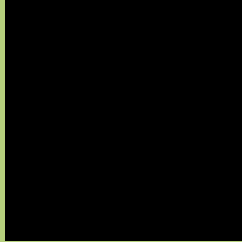
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 44.273, 120.045

Background



This preview shows how black text looks on a background with the CIELCh color 80, 44.273, 120.045.



This preview shows how white text looks on a background with the CIELCh color 80, 44.273, 120.045.

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](#).

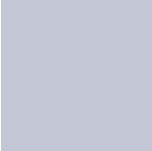
Dichromacy



Original Color
80, 44.273, 120.045

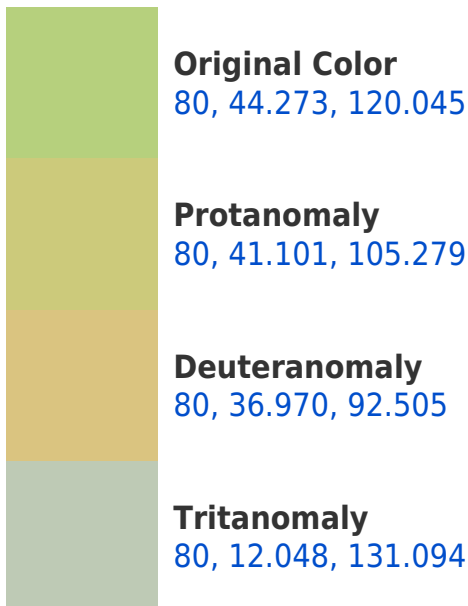
Protanopia
80, 40.980, 95.859

Deuteranopia
80, 37.868, 74.273



Tritanopia
80, 8.093, 280.854

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 44.273, 120.045 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(182, 208, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 125)  
}
```

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(182, 208, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 44.273, 120.045 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(182, 208, 125) }
```

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

```
.border{ border-color:rgb(182, 208, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 44.273, 120.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 125) }
```

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

```
.background{ background-color: rgb(182,  
208, 125) }
```

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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