

Converting Colors

CIELCh(82, 44.255, 99.745)

Have a look what the booklet for
CIELCh(82, 44.255, 99.745) contains.

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Color

CIELCh(82, 44.255, 99.745)

Conversions

Conversions Part 1

Format	Color
Hex	DACE79
RGB	218, 206, 121
RGB Percent	85%, 81%, 47%
CMY	0.1459, 0.1929, 0.5262
CMYK	0.00, 0.06, 0.45, 0.15
HSL	53°, 57%, 66%
HSV	53°, 45%, 85%
XYZ	54.3164, 60.2982, 26.8061
YIQ	199.8980, 34.4370, -23.8910

Conversions

Conversions Part 2

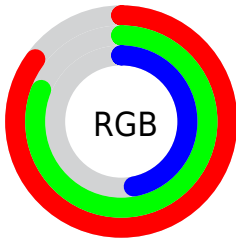
Format	Color
R_{YB}	135, 218, 121
Decimal	14339705
CIE _{Lab}	82.00, -7.49, 43.62
CIE _{LCh}	82, 44.255, 99.745
Yxy	60.2982, 0.3841, 0.4264
Android (android.graphics.Color)	4292529785 (0xFFDACE79)
YUV	199.8980, -38.8967, 15.8755
Hunter-Lab	77.6519, -11.0326, 33.8889

Details

The CIELCh color **82, 44.255, 99.745** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **58, 48.293, 291.391**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 40.096, 107.118**, and **62, 44.272, 99.969** is the 20% darker color. If you saturate the color by 10%, you get **81, 53.575, 98.648**, and if you desaturate by 10%, it is **83, 34.526, 100.862**.

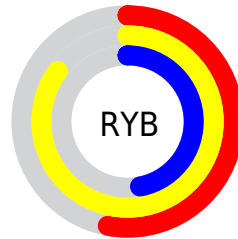
Distribution



Red (85%)

Green (81%)

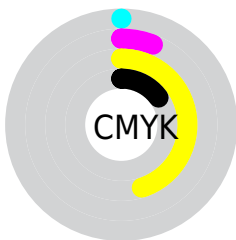
Blue (47%)



Red (53%)

Yellow (85%)

Blue (47%)

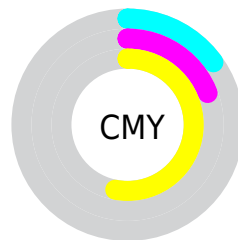


Cyan (0%)

Magenta (6%)

Yellow (45%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 44.255, 99.745 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 82, 44.255, 99.745 by changing the saturation by 10% instead.

 82, 44.255, 99.745

 82, 44.255, 99.745

 100, 44.255,
99.745

 72, 44.255, 99.745

 62, 44.255, 99.745

 52, 44.255, 99.745

 42, 44.255, 99.745

 32, 44.255, 99.745

 22, 44.255, 99.745

 12, 44.255, 99.745

 2, 44.255, 99.745

 0, 44.255, 99.745

82, 44.255, 99.745

82, 44.255, 99.745

81, 53.575, 98.648

83, 34.526,
100.862

80, 62.154, 97.575

84, 24.587,
101.974

79, 69.506, 96.544

78, 74.999, 95.557

85, 14.562,
103.070

78, 78.066, 94.602

86, 4.525, 104.128

77, 78.942, 94.083

88, 5.482, 285.224

89, 15.434,
286.216

90, 15.906,
283.156

90, 14.643,
278.712

■ 91, 13.483,
273.492

Harmonies

Complementary

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



82, 44.255, 99.745



58, 48.293, 291.391

Rectangle

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



82, 44.255, 99.745



82, 44.255, 149.745



82, 44.255, 279.745



82, 44.255, 329.745

Sweetspot

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



82, 44.256, 99.748



98, 14.808, 103.223



62, 40.239, 14.141



52, 10.365, 102.982



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 44.256, 99.748



93, 59.274, 98.763



83, 51.588, 121.958



46, 5.718, 103.617



63, 66.673, 94.232



16, 23.451, 96.779

Inverse Universe

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



58, 48.293, 291.391



61, 66.472, 293.381



58, 56.248, 307.154



43, 5.812, 285.710



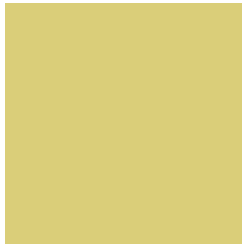
22, 93.707, 304.407



3, 27.075, 292.128

Previews

White Background



This preview shows how the CIELCh color 82, 44.255, 99.745 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 82, 44.255, 99.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

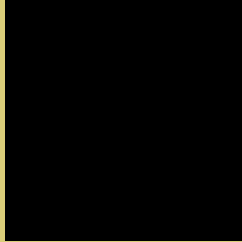
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 44.255, 99.745

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.255, 99.745.



This preview shows how white text looks on a background with the CIELCh color 82, 44.255, 99.745.

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

82, 44.255, 99.745

Protanopia

82, 44.307, 95.899

Deuteranopia

82, 44.222, 76.829



Tritanopia
82, 14.188, 346.585

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.255, 99.745 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(218, 206, 121)` looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 121)  
}
```

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(218, 206, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.255, 99.745 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(218, 206, 121) }
```

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

```
.border{ border-color:rgb(218, 206, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 206, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 121);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.255, 99.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 121) }
```

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

```
.background{ background-color: rgb(218,  
206, 121) }
```

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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