

Converting Colors

CIELCh(82, 42.153, 99.419)

Have a look what the booklet for
CIELCh(82, 42.153, 99.419) contains.

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Color

CIELCh(82, 42.289, 99.649)

Conversions

Conversions Part 1

Format	Color
Hex	DACE7D
RGB	218, 206, 125
RGB Percent	85%, 81%, 49%
CMY	0.1465, 0.1935, 0.5111
CMYK	0.00, 0.06, 0.43, 0.15
HSL	52°, 55%, 67%
HSV	52°, 43%, 85%
XYZ	54.4747, 60.2982, 28.0606
YIQ	200.3540, 33.1530, -22.6470

Conversions

Conversions Part 2

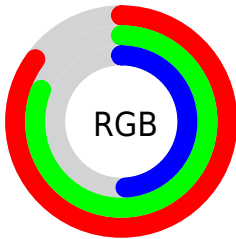
Format	Color
RYB	139, 218, 125
Decimal	14339709
CIELab	82.00, -7.09, 41.69
CIELCh	82, 42.289, 99.649
Yxy	60.2982, 0.3814, 0.4222
Android (android.graphics.Color)	4292529789 (0xFFDACE7D)
YUV	200.3540, -37.1495, 15.4755
Hunter-Lab	77.6519, -10.6688, 32.9311

Details

The CIELCh color **82, 42.289, 99.649** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 45.847, 290.769**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.137, 107.269**, and **62, 42.330, 99.969** is the 20% darker color. If you saturate the color by 10%, you get **81, 51.669, 98.539**, and if you desaturate by 10%, it is **83, 32.553, 100.775**.

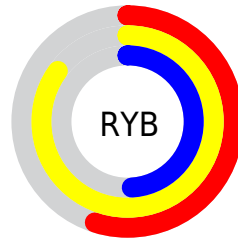
Distribution



Red (85%)

Green (81%)

Blue (49%)



Red (55%)

Yellow (85%)

Blue (49%)

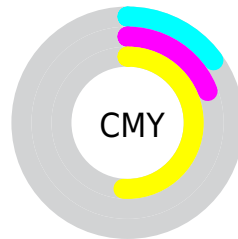


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 42.289, 99.649 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, 42.289, 99.649 by changing the saturation by 10% instead.

 82, 42.289, 99.649

 82, 42.289, 99.649

 100, 42.289,
99.649

 72, 42.289, 99.649

 62, 42.289, 99.649

 52, 42.289, 99.649

 42, 42.289, 99.649

 32, 42.289, 99.649

 22, 42.289, 99.649

 12, 42.289, 99.649

 2, 42.289, 99.649

 0, 42.289, 99.649

82, 42.289, 99.649

82, 42.289, 99.649

81, 51.669, 98.539

83, 32.553,
100.775

80, 60.390, 97.447

84, 22.642,
101.891

79, 67.996, 96.391

78, 73.873, 95.374

85, 12.666,
102.989

78, 77.408, 94.383

87, 2.692, 104.028

77, 78.647, 93.664

88, 7.244, 285.136

89, 16.985,
286.074

90, 15.604,
281.974

91, 14.318,
277.133

■ 91, 13.152,
271.413

Harmonies

Complementary

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



82, 42.289, 99.649



59, 45.847, 290.769

Rectangle

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



82, 42.289, 99.649



82, 42.289, 149.649



82, 42.289, 279.649



82, 42.289, 329.649

Sweetspot

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



82, 42.290, 99.652



98, 14.728, 102.946



63, 38.446, 13.787



52, 10.309, 102.703



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, 42.290, 99.652



93, 56.936, 98.678



83, 49.561, 122.044



46, 5.687, 103.342



63, 66.462, 93.820



16, 23.329, 96.413

Inverse Universe

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



59, 45.847, 290.769



62, 63.304, 292.672



59, 53.812, 307.016



43, 5.778, 285.444



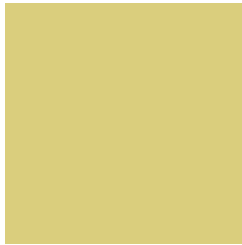
22, 93.327, 304.290



3, 26.968, 291.997

Previews

White Background



This preview shows how the CIELCh color 82, 42.289, 99.649 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, 42.289, 99.649 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, 42.289, 99.649

Background



This preview shows how black text looks on a background with the CIELCh color 82, 42.289, 99.649.



This preview shows how white text looks on a background with the CIELCh color 82, 42.289, 99.649.

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, 42.289, 99.649

Protanopia

82, 42.351, 95.641

Deuteranopia

82, 42.173, 76.234



Tritanopia
82, 14.476, 344.831

Trichromacy



Original Color
82, 42.289, 99.649

Protanomaly
82, 42.573, 97.393

Deuteranomaly
82, 41.467, 84.683

Tritanomaly
82, 13.978, 65.498

Monochromacy



Original Color
82, 42.289, 99.649

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 15.388, 103.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 42.289, 99.649 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 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(218, 206, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 42.289, 99.649 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, 125) }
```

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

```
.border{ border-color:rgb(218, 206, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 206, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 206, 125); box-shadow:4px 4px 4px 4px rgb(218, 206, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 42.289, 99.649 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, 125) }
```

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

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