

Converting Colors

CIELCh(83, 43.360, 98.122)

Have a look what the booklet for
CIELCh(83, 43.360, 98.122) contains.

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Color

CIELCh(83, 43.391, 98.101)

Conversions

Conversions Part 1

Format	Color
Hex	DFD07D
RGB	223, 208, 125
RGB Percent	87%, 82%, 49%
CMY	0.1262, 0.1850, 0.5104
CMYK	0.00, 0.07, 0.44, 0.13
HSL	51°, 60%, 68%
HSV	51°, 44%, 87%
XYZ	56.5804, 62.1629, 28.3639
YIQ	203.0230, 35.5830, -22.6330

Conversions

Conversions Part 2

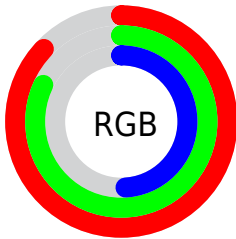
Format	Color
RYB	143, 223, 125
Decimal	14667901
CIELab	83.00, -6.11, 42.96
CIELCh	83, 43.391, 98.101
Yxy	62.1629, 0.3846, 0.4226
Android (android.graphics.Color)	4292857981 (0xFFDFD07D)
YUV	203.0230, -38.4653, 17.5198
Hunter-Lab	78.8435, -9.8793, 33.8609

Details

The CIELCh color **83, 43.391, 98.101** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **60, 46.836, 289.884**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.137, 107.269**, and **63, 43.418, 98.261** is the 20% darker color. If you saturate the color by 10%, you get **82, 52.757, 96.945**, and if you desaturate by 10%, it is **84, 33.670, 99.266**.

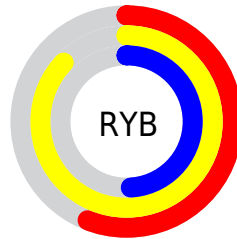
Distribution



Red (87%)

Green (82%)

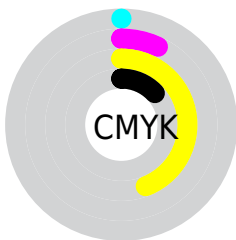
Blue (49%)



Red (56%)

Yellow (87%)

Blue (49%)

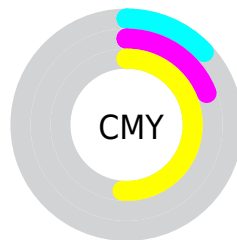


Cyan (0%)

Magenta (7%)

Yellow (44%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 43.391, 98.101 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 83, 43.391, 98.101 by changing the saturation by 10% instead.

 83, 43.391, 98.101

 83, 43.391, 98.101

 100, 43.391,
98.101

 73, 43.391, 98.101

 63, 43.391, 98.101

 53, 43.391, 98.101

 43, 43.391, 98.101

 33, 43.391, 98.101

 23, 43.391, 98.101

 13, 43.391, 98.101

 3, 43.391, 98.101

 0, 43.391, 98.101

83, 43.391, 98.101

83, 43.391, 98.101

82, 52.757, 96.945

84, 33.670, 99.266

81, 61.448, 95.796

85, 23.784,
100.416

80, 68.979, 94.664

87, 13.845,
101.545

79, 74.696, 93.540

78, 77.963, 92.397

88, 3.920, 102.624

77, 78.934, 91.689

90, 5.954, 283.754

91, 13.945,
283.703

92, 12.368,
277.139

93, 10.995,
268.849

94, 9.911, 258.534

Harmonies

Complementary

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



83, 43.391, 98.101



60, 46.836, 289.884

Rectangle

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



83, 43.391, 98.101



83, 43.391, 148.101



83, 43.391, 278.101



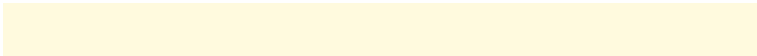
83, 43.391, 328.101

Sweetspot

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



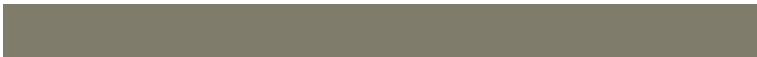
83, 43.392, 98.105



98, 14.368, 101.642



64, 40.428, 11.507



52, 10.059, 101.395



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 43.392, 98.105



92, 57.839, 97.011



85, 51.562, 120.644



47, 5.652, 102.044



62, 66.256, 91.886



17, 24.146, 94.429

Inverse Universe

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



60, 46.836, 289.884



62, 64.096, 292.023



59, 56.427, 306.084



44, 5.735, 284.196



23, 92.539, 303.731



3, 28.301, 292.464

Previews

White Background



This preview shows how the CIELCh color 83, 43.391, 98.101 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 83, 43.391, 98.101 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 83, 43.391, 98.101

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.391, 98.101.



This preview shows how white text looks on a background with the CIELCh color 83, 43.391, 98.101.

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
83, 43.391, 98.101

Protanopia
83, 43.722, 95.908

Deuteranopia
83, 43.464, 75.892



Tritanopia
83, 15.360, 347.355

Trichromacy



Original Color
83, 43.391, 98.101

Protanomaly
83, 43.641, 96.448

Deuteranomaly
83, 42.692, 84.070

Tritanomaly
83, 15.180, 63.640

Monochromacy



Original Color
83, 43.391, 98.101

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 15.909, 101.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.391, 98.101 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(223, 208, 125)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 208, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 208, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.391, 98.101 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(223, 208, 125) }
```

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

```
.border{ border-color:rgb(223, 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(223, 208, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 208, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 208, 125);  
box-shadow:4px 4px 4px 4px rgb(223, 208,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.391, 98.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 208, 125) }
```

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

```
.background{ background-color: rgb(223,  
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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