

Converting Colors

CIELCh(91, 83.709, 97.424)

Have a look what the booklet for
CIELCh(91, 83.709, 97.424) contains.

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Color

CIELCh(91, 83.884, 97.518)

Conversions

Conversions Part 1

Format	Color
Hex	FCE82F
RGB	252, 232, 47
RGB Percent	99%, 91%, 18%
CMY	0.0125, 0.0908, 0.8165
CMYK	0.00, 0.08, 0.81, 0.01
HSL	54°, 97%, 59%
HSV	54°, 81%, 99%
XYZ	69.3964, 78.4833, 14.1564
YIQ	216.8900, 71.3050, -53.2950

Conversions

Conversions Part 2

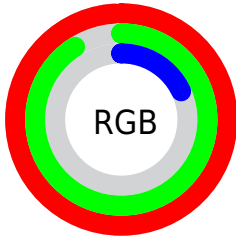
Format	Color
RYB	69, 252, 47
Decimal	16574511
CIELab	91.00, -10.98, 83.16
CIELCh	91, 83.884, 97.518
Yxy	78.4833, 0.4283, 0.4844
Android (android.graphics.Color)	4294764591 (0xFFFC82F)
YUV	216.8900, -83.7558, 30.7915
Hunter-Lab	88.5908, -15.2085, 52.5393

Details

The CIELCh color **91, 83.884, 97.518** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **41, 108.436, 301.681**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 69.574, 104.857**, and **71, 73.968, 97.941** is the 20% darker color. If you saturate the color by 10%, you get **90, 88.019, 96.704**, and if you desaturate by 10%, it is **92, 77.114, 98.415**.

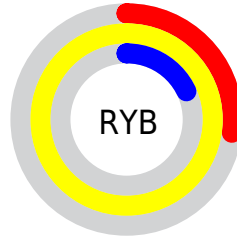
Distribution



Red (99%)

Green (91%)

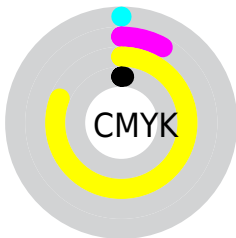
Blue (18%)



Red (27%)

Yellow (99%)

Blue (18%)

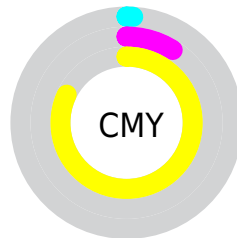


Cyan (0%)

Magenta (8%)

Yellow (81%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 83.884, 97.518 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 91, 83.884, 97.518 by changing the saturation by 10% instead.

91, 83.884, 97.518

91, 83.884, 97.518

100, 83.884,
97.518

81, 83.884, 97.518

71, 83.884, 97.518

61, 83.884, 97.518

51, 83.884, 97.518

41, 83.884, 97.518

31, 83.884, 97.518

21, 83.884, 97.518

11, 83.884, 97.518

1, 83.884, 97.518

91, 83.884, 97.518

91, 83.884, 97.518

90, 88.019, 96.704

92, 77.114, 98.415

90, 89.506, 96.047

93, 68.373, 99.384

93, 58.339,
100.412

94, 47.527,
101.478

95, 36.276,
102.563

96, 24.800,
103.649

98, 13.227,
104.720

99, 1.636, 105.706

100, 0.914,

Harmonies

Complementary

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



91, 83.884, 97.518



41, 108.436, 301.681

Rectangle

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



91, 83.884, 97.518



91, 83.884, 147.518



91, 83.884, 277.518



91, 83.884, 327.518

Sweetspot

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



91, 83.884, 97.520



97, 28.055, 103.368



55, 84.682, 28.474



51, 19.256, 102.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 83.884, 97.520



91, 90.079, 96.194



91, 96.347, 122.885



52, 6.540, 104.923



69, 72.138, 96.176



23, 31.774, 97.339

Inverse Universe

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



41, 108.436, 301.681



34, 127.654, 305.037



44, 113.623, 310.197



48, 6.658, 286.999



24, 101.968, 305.025



4, 39.143, 299.134

Previews

White Background



This preview shows how the CIELCh color 91, 83.884, 97.518 looks on a white background.

Color Contrast Check

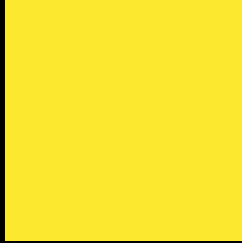
Large Text (above 18pt) WCAG AA × Fail

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 91, 83.884, 97.518 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 91, 83.884, 97.518

Background



This preview shows how black text looks on a background with the CIELCh color 91, 83.884, 97.518.

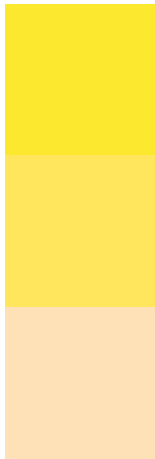


This preview shows how white text looks on a background with the CIELCh color 91, 83.884, 97.518.

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
91, 83.884, 97.518

Protanopia
91, 68.409, 95.720

Deuteranopia
91, 24.264, 79.647



Tritanopia
91, 14.095, 354.359

Trichromacy



Original Color
91, 83.884, 97.518

Protanomaly
91, 74.792, 96.580

Deuteranomaly
91, 48.634, 93.036

Tritanomaly
90, 32.784, 86.224

Monochromacy



Original Color
91, 83.884, 97.518

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 34.658, 101.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 83.884, 97.518 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(252, 232, 47)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 47)  
}
```

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(252, 232, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 83.884, 97.518 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(252, 232, 47) }
```

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

```
.border{ border-color:rgb(252, 232, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 47);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 83.884, 97.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 47) }
```

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

```
.background{ background-color: rgb(252,  
232, 47) }
```

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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