

Converting Colors

CIELCh(91, 74.824, 98.552)

Have a look what the booklet for
CIELCh(91, 74.824, 98.552) contains.

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Color

CIELCh(91, 74.824, 98.552)

Conversions

Conversions Part 1

Format	Color
Hex	F9E84C
RGB	249, 232, 76
RGB Percent	98%, 91%, 30%
CMY	0.0229, 0.0896, 0.7014
CMYK	0.00, 0.07, 0.69, 0.02
HSL	54°, 94%, 64%
HSV	54°, 69%, 98%
XYZ	69.3262, 78.4833, 18.3589
YIQ	219.2990, 60.2080, -44.9120

Conversions

Conversions Part 2

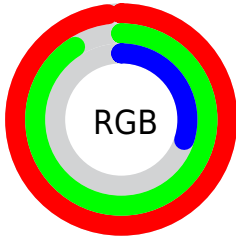
Format	Color
R_{YB}	95, 249, 76
Decimal	16377932
CIE _{Lab}	91.00, -11.13, 73.99
CIE _{LCh}	91, 74.824, 98.552
Yxy	78.4833, 0.4172, 0.4723
Android (android.graphics.Color)	4294568012 (0xFFFF9E84C)
YUV	219.2990, -70.6464, 26.0478
Hunter-Lab	88.5908, -15.3497, 49.7267

Details

The CIELCh color **91, 74.824, 98.552** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **47, 90.724, 298.567**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 59.971, 105.587**, and **71, 73.890, 98.642** is the 20% darker color. If you saturate the color by 10%, you get **90, 81.990, 97.641**, and if you desaturate by 10%, it is **92, 65.851, 99.540**.

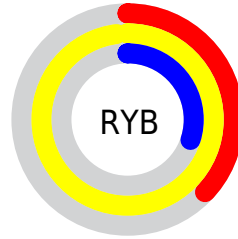
Distribution



Red (98%)

Green (91%)

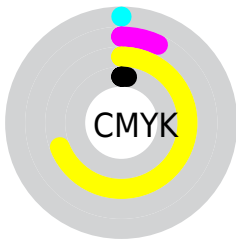
Blue (30%)



Red (37%)

Yellow (98%)

Blue (30%)

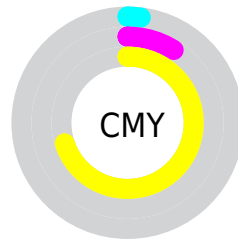


Cyan (0%)

Magenta (7%)

Yellow (69%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 74.824, 98.552 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, 74.824, 98.552 by changing the saturation by 10% instead.

91, 74.824, 98.552

91, 74.824, 98.552

100, 74.824,
98.552

81, 74.824, 98.552

71, 74.824, 98.552

61, 74.824, 98.552

51, 74.824, 98.552

41, 74.824, 98.552

31, 74.824, 98.552

21, 74.824, 98.552

11, 74.824, 98.552

1, 74.824, 98.552

91, 74.824, 98.552

91, 74.824, 98.552

90, 81.990, 97.641

92, 65.851, 99.540

90, 86.661, 96.806

93, 55.717,
100.578

89, 88.659, 96.029

94, 44.894,
101.651

89, 88.740, 95.986

95, 33.689,
102.737

96, 22.293,
103.822

97, 10.821,
104.888

98, 0.658, 286.135

99, 1.885, 261.903

99, 1.791, 213.043

Harmonies

Complementary

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



91, 74.824, 98.552



47, 90.724, 298.567

Rectangle

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



91, 74.824, 98.552



91, 74.824, 148.552



91, 74.824, 278.552



91, 74.824, 328.552

Sweetspot

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



91, 74.824, 98.555



98, 24.540, 103.650



58, 72.219, 23.594



52, 16.602, 103.351



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, 74.824, 98.555



92, 85.514, 97.326



91, 85.718, 122.584



52, 6.535, 104.881



69, 72.098, 96.112



23, 31.752, 97.283

Inverse Universe

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



47, 90.724, 298.567



40, 111.538, 302.049



50, 98.513, 309.809



48, 6.652, 286.958



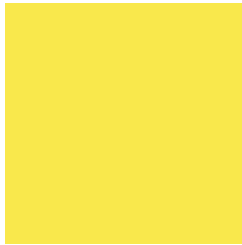
24, 101.914, 305.010



4, 39.118, 299.118

Previews

White Background



This preview shows how the CIELCh color 91, 74.824, 98.552 looks on a white background.

Color Contrast Check

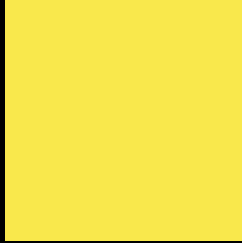
Large Text (above 18pt) WCAG AA × Fail

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, 74.824, 98.552 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, 74.824, 98.552

Background



This preview shows how black text looks on a background with the CIELCh color 91, 74.824, 98.552.



This preview shows how white text looks on a background with the CIELCh color 91, 74.824, 98.552.

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, 74.824, 98.552

Protanopia

91, 67.593, 95.688

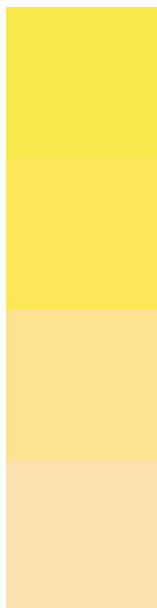
Deuteranopia

91, 23.577, 77.749



Tritanopia
91, 14.315, 352.485

Trichromacy



Original Color
91, 74.824, 98.552

Protanomaly
91, 70.188, 96.843

Deuteranomaly
91, 43.271, 92.537

Tritanomaly
90, 27.372, 83.488

Monochromacy



Original Color
91, 74.824, 98.552

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 29.488, 103.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 74.824, 98.552 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(249, 232, 76)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 76)  
}
```

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(249, 232, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 74.824, 98.552 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(249, 232, 76) }
```

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

```
.border{ border-color:rgb(249, 232, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 76);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 74.824, 98.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 76) }
```

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

```
.background{ background-color: rgb(249,  
232, 76) }
```

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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