

Converting Colors

CIELCh(91, 38.195, 94.514)

Have a look what the booklet for
CIELCh(91, 38.195, 94.514) contains.

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Color

CIELCh(91, 38.232, 94.979)

Conversions

Conversions Part 1

Format	Color
Hex	F9E59C
RGB	249, 229, 156
RGB Percent	98%, 90%, 61%
CMY	0.0240, 0.1024, 0.3887
CMYK	0.00, 0.08, 0.37, 0.02
HSL	47°, 88%, 79%
HSV	47°, 37%, 98%
XYZ	72.9975, 78.4833, 42.7021
YIQ	226.6580, 35.3530, -18.4630

Conversions

Conversions Part 2

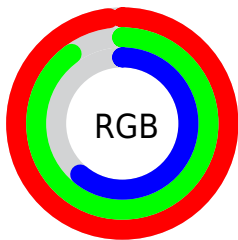
Format	Color
R _Y B	181, 249, 156
Decimal	16377244
CIE Lab	91.00, -3.32, 38.09
CIE LCh	91, 38.232, 94.979
Yxy	78.4833, 0.3759, 0.4042
Android (android.graphics.Color)	4294567324 (0xFFFF9E59C)
YUV	226.6580, -34.8344, 19.5939
Hunter-Lab	88.5908, -7.9525, 33.4349

Details

The CIELCh color **91, 38.232, 94.979** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 39.875, 285.242**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **71, 38.185, 95.329** is the 20% darker color. If you saturate the color by 10%, you get **89, 48.358, 93.714**, and if you desaturate by 10%, it is **93, 27.966, 96.230**.

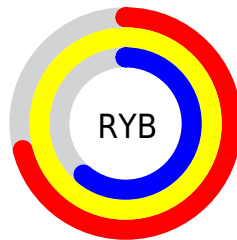
Distribution



Red (98%)

Green (90%)

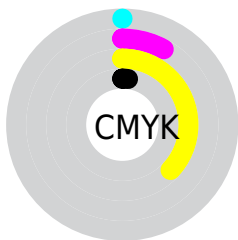
Blue (61%)



Red (71%)

Yellow (98%)

Blue (61%)

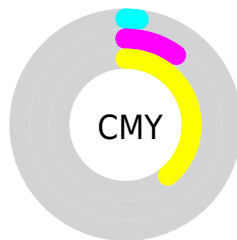


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (10%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 38.232, 94.979 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, 38.232, 94.979 by changing the saturation by 10% instead.

91, 38.232, 94.979

91, 38.232, 94.979

100, 38.232,
94.979

81, 38.232, 94.979

71, 38.232, 94.979

61, 38.232, 94.979

51, 38.232, 94.979

41, 38.232, 94.979

31, 38.232, 94.979

21, 38.232, 94.979

11, 38.232, 94.979

1, 38.232, 94.979

91, 38.232, 94.979

91, 38.232, 94.979

89, 48.358, 93.714

93, 27.966, 96.230

88, 58.113, 92.424

95, 17.685, 97.446

86, 67.109, 91.109

96, 7.460, 98.617

85, 74.737, 89.749

98, 2.455, 278.895

83, 80.188, 88.293

100, 2.125,
199.582

82, 82.803, 86.659

81, 83.221, 86.210

Harmonies

Complementary

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



91, 38.232, 94.979



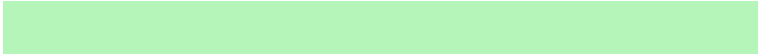
73, 39.875, 285.242

Rectangle

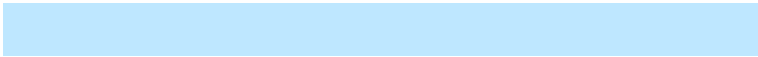
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 38.232, 94.979



91, 38.232, 144.979



91, 38.232, 274.979



91, 38.232, 324.979

Sweetspot

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



91, 38.233, 94.983



98, 11.392, 98.197



74, 37.392, 6.555



52, 7.660, 98.038



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, 38.233, 94.983



92, 46.903, 94.008



94, 47.787, 118.936



51, 5.786, 98.373



63, 67.698, 86.534



21, 29.011, 88.819

Inverse Universe

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



73, 39.875, 285.242



69, 49.583, 286.900



70, 51.779, 303.955



49, 5.847, 280.669



27, 91.909, 301.974



6, 35.508, 296.417

Previews

White Background



This preview shows how the CIE LCh color 91, 38.232, 94.979 looks on a white background.

Color Contrast Check

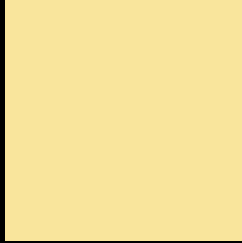
Large Text (above 18pt) WCAG AA × Fail

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, 38.232, 94.979 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, 38.232, 94.979

Background



This preview shows how black text looks on a background with the CIELCh color 91, 38.232, 94.979.

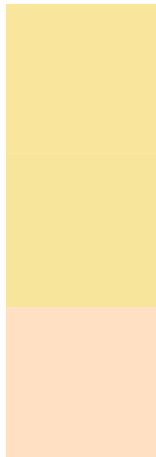


This preview shows how white text looks on a background with the CIELCh color 91, 38.232, 94.979.

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, 38.232, 94.979

Protanopia

91, 38.143, 95.571

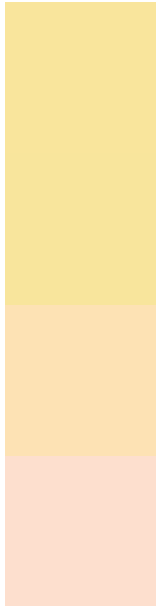
Deuteranopia

91, 19.625, 71.554



Tritanopia
91, 14.800, 348.919

Trichromacy



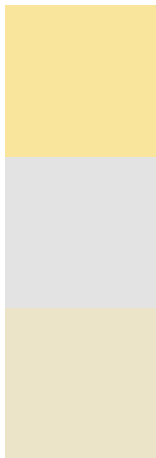
Original Color
91, 38.232, 94.979

Protanomaly
91, 38.143, 95.571

Deuteranomaly
91, 26.036, 84.296

Tritanomaly
91, 14.354, 57.522

Monochromacy



Original Color
91, 38.232, 94.979

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 14.179, 98.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 38.232, 94.979 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, 229, 156)` looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 156)  
}
```

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, 229, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 38.232, 94.979 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, 229, 156) }
```

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

```
.border{ border-color:rgb(249, 229, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 156);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 38.232, 94.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 156) }
```

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

```
.background{ background-color: rgb(249,  
229, 156) }
```

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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