

Converting Colors

CIELCh(100, 65.098, 58.870)

Have a look what the booklet for
CIELCh(100, 65.098, 58.870)
contains.

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Color

CIELCh(91, 42.869, 91.923)

Conversions

Conversions Part 1

Format	Color
Hex	FEE493
RGB	254, 228, 147
RGB Percent	100%, 89%, 58%
CMY	0.0020, 0.1077, 0.4253
CMYK	0.00, 0.11, 0.42, 0.00
HSL	45°, 99%, 79%
HSV	45°, 42%, 100%
XYZ	73.9002, 78.4833, 38.6731
YIQ	226.5400, 41.4970, -19.6790

Conversions

Conversions Part 2

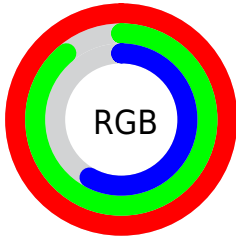
Format	Color
R _Y B	181, 254, 147
Decimal	16704659
CIE Lab	91.00, -1.44, 42.84
CIE LCh	91, 42.869, 91.923
Yxy	78.4833, 0.3868, 0.4108
Android (android.graphics.Color)	4294894739 (0xFFEE493)
YUV	226.5400, -39.2132, 24.0824
Hunter-Lab	88.5908, -6.1337, 36.1314

Details

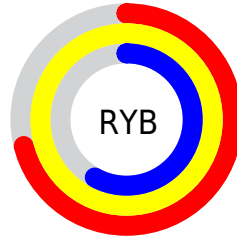
The CIELCh color **91, 42.869, 91.923** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 44.435, 284.243**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.735, 108.148**, and **71, 42.814, 92.391** is the 20% darker color. If you saturate the color by 10%, you get **89, 52.863, 90.589**, and if you desaturate by 10%, it is **93, 32.699, 93.235**.

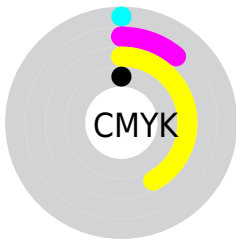
Distribution



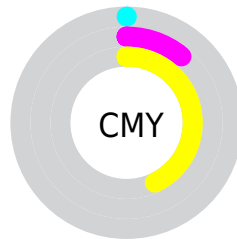
- Red (100%)
- Green (89%)
- Blue (58%)



- Red (71%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 42.869, 91.923 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, 42.869, 91.923 by changing the saturation by 10% instead.

 91, 42.869, 91.923

 91, 42.869, 91.923

 100, 42.869,
91.923

 81, 42.869, 91.923

 71, 42.869, 91.923

 61, 42.869, 91.923

 51, 42.869, 91.923

 41, 42.869, 91.923

 31, 42.869, 91.923

 21, 42.869, 91.923

 11, 42.869, 91.923

 1, 42.869, 91.923

91, 42.869, 91.923

91, 42.869, 91.923

89, 52.863, 90.589

93, 32.699, 93.235

87, 62.390, 89.214

95, 22.512, 94.509

85, 70.961, 87.781

97, 12.393, 95.742

84, 77.829, 86.237

99, 2.387, 96.866

82, 82.115, 84.486

100, 0.173,
203.219

81, 83.588, 82.980

Harmonies

Complementary

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



91, 42.869, 91.923



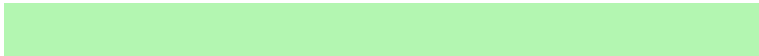
72, 44.435, 284.243

Rectangle

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



91, 42.869, 91.923



91, 42.869, 141.923



91, 42.869, 271.923



91, 42.869, 321.923

Sweetspot

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



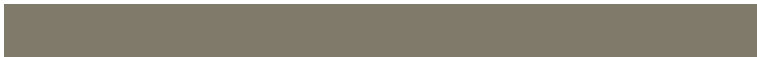
91, 42.870, 91.927



97, 13.003, 95.671



73, 43.763, 4.982



51, 9.112, 95.402



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, 42.870, 91.927



90, 51.551, 90.780



96, 54.639, 117.246



52, 5.673, 96.090



62, 67.515, 83.375



21, 29.453, 85.829

Inverse Universe

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



72, 44.435, 284.243



66, 54.190, 286.304



67, 60.235, 303.407



50, 5.717, 278.458



29, 89.066, 300.686



7, 35.661, 295.893

Previews

White Background



This preview shows how the CIELCh color 91, 42.869, 91.923 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, 42.869, 91.923 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, 42.869, 91.923

Background



This preview shows how black text looks on a background with the CIELCh color 91, 42.869, 91.923.



This preview shows how white text looks on a background with the CIELCh color 91, 42.869, 91.923.

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, 42.757, 92.451

Protanopia

91, 42.627, 95.765

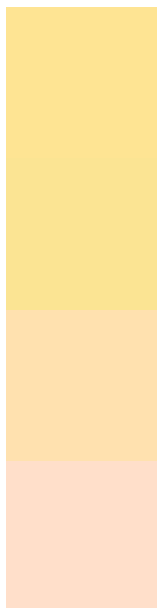
Deuteranopia

91, 20.479, 73.150



Tritanopia
91, 14.315, 352.485

Trichromacy



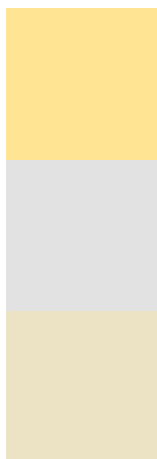
Original Color
91, 42.757, 92.451

Protanomaly
91, 42.446, 94.051

Deuteranomaly
91, 28.467, 83.499

Tritanomaly
91, 16.348, 61.314

Monochromacy



Original Color
91, 42.757, 92.451

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 15.860, 96.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 42.869, 91.923 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(254, 228, 147)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 147)  
}
```

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(254, 228, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 42.869, 91.923 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(254, 228, 147) }
```

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

```
.border{ border-color:rgb(254, 228, 147) }
```

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

Here you see how a box with a 4 pixel rgb(254, 228, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 147);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 42.869, 91.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 147) }
```

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

```
.background{ background-color: rgb(254,  
228, 147) }
```

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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