

Converting Colors

CIELCh(91, 26.916, 87.315)

Have a look what the booklet for
CIELCh(91, 26.916, 87.315) contains.

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Color

CIELCh(91, 26.987, 87.720)

Conversions

Conversions Part 1

Format	Color
Hex	FBE3B2
RGB	251, 227, 178
RGB Percent	98%, 89%, 70%
CMY	0.0166, 0.1107, 0.3028
CMYK	0.00, 0.10, 0.29, 0.02
HSL	40°, 90%, 84%
HSV	40°, 29%, 98%
XYZ	75.1182, 78.4833, 53.1929
YIQ	228.5900, 30.0330, -10.1510

Conversions

Conversions Part 2

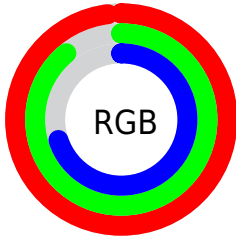
Format	Color
RYB	214, 251, 178
Decimal	16507826
CIELab	91.00, 1.07, 26.97
CIELCh	91, 26.987, 87.720
Yxy	78.4833, 0.3633, 0.3795
Android (android.graphics.Color)	4294697906 (0xFFFFBE3B2)
YUV	228.5900, -24.9409, 19.6536
Hunter-Lab	88.5908, -3.6796, 26.4139

Details

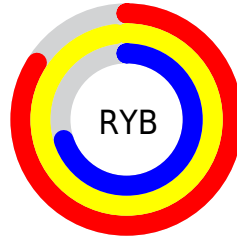
The CIELCh color **91, 26.987, 87.720** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 26.859, 276.004**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **71, 27.137, 87.712** is the 20% darker color. If you saturate the color by 10%, you get **89, 36.573, 86.355**, and if you desaturate by 10%, it is **94, 17.538, 89.054**.

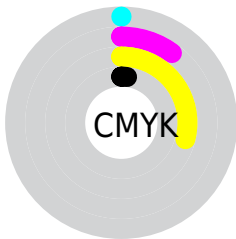
Distribution



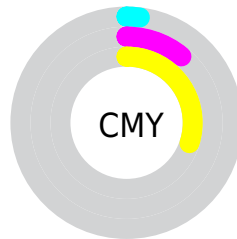
- Red (98%)
- Green (89%)
- Blue (70%)



- Red (84%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 26.987, 87.720 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, 26.987, 87.720 by changing the saturation by 10% instead.

 91, 26.987, 87.720

 91, 26.987, 87.720

 100, 26.987,
87.720

 81, 26.987, 87.720

 71, 26.987, 87.720

 61, 26.987, 87.720

 51, 26.987, 87.720

 41, 26.987, 87.720

 31, 26.987, 87.720

 21, 26.987, 87.720

 11, 26.987, 87.720

 1, 26.987, 87.720

91, 26.987, 87.720

91, 26.987, 87.720

89, 36.573, 86.355

94, 17.538, 89.054

86, 46.196, 84.941

96, 8.266, 90.328

84, 55.667, 83.474

99, 0.816, 271.952

82, 64.622, 81.920

100, 1.471,
199.762

79, 72.440, 80.206

77, 78.210, 78.193

75, 81.262, 75.725

75, 81.487, 75.498

Harmonies

Complementary

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



91, 26.987, 87.720



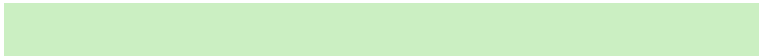
81, 26.859, 276.004

Rectangle

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



91, 26.987, 87.720



91, 26.987, 137.720



91, 26.987, 267.720



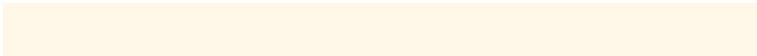
91, 26.987, 317.720

Sweetspot

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



91, 26.988, 87.726



98, 8.282, 90.340



80, 30.041, 356.868



52, 5.765, 90.159



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

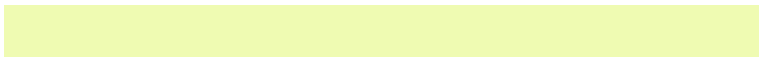
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 26.988, 87.726



91, 33.074, 86.919



96, 37.091, 114.573



51, 5.149, 90.280



58, 65.834, 76.039



18, 27.011, 78.825

Inverse Universe

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



81, 26.859, 276.004



79, 32.908, 277.200



76, 39.672, 299.303



49, 5.150, 272.778



32, 78.703, 296.914



8, 30.814, 291.492

Previews

White Background



This preview shows how the CIE LCh color 91, 26.987, 87.720 looks on a white background.

Color Contrast Check

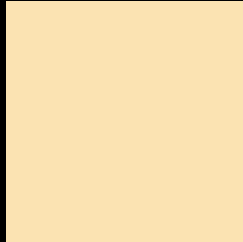
Large Text (above 18pt) WCAG AA × Fail

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, 26.987, 87.720 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, 26.987, 87.720

Background



This preview shows how black text looks on a background with the CIELCh color 91, 26.987, 87.720.

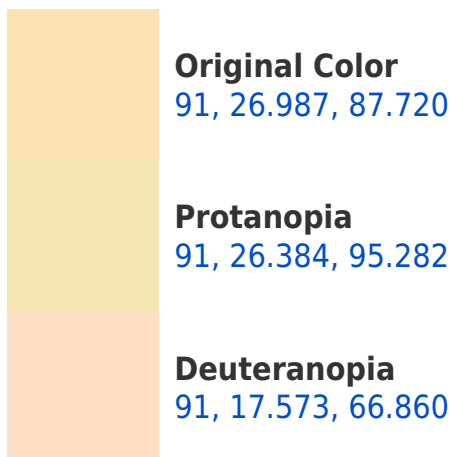



This preview shows how white text looks on a background with the CIELCh color 91, 26.987, 87.720.

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](#).

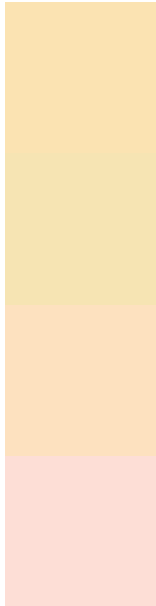
Dichromacy





Tritanopia
91, 14.800, 348.919

Trichromacy



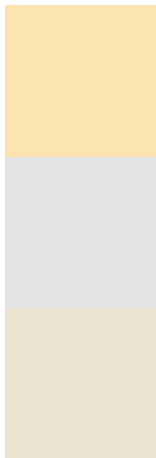
Original Color
91, 26.987, 87.720

Protanomaly
91, 26.206, 92.571

Deuteranomaly
91, 20.674, 77.283

Tritanomaly
91, 12.260, 39.735

Monochromacy



Original Color
91, 26.987, 87.720

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.743, 91.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 26.987, 87.720 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(251, 227, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 178)  
}
```

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(251, 227, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 26.987, 87.720 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(251, 227, 178) }
```

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

```
.border{ border-color:rgb(251, 227, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 227, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 178);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 26.987, 87.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 178) }
```

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

```
.background{ background-color: rgb(251,  
227, 178) }
```

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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