

Converting Colors

CIELCh(91, 26.257, 81.955)

Have a look what the booklet for
CIELCh(91, 26.257, 81.955) contains.

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Color

CIELCh(91, 26.117, 81.529)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B4
RGB	255, 225, 180
RGB Percent	100%, 88%, 71%
CMY	0.0000, 0.1172, 0.2937
CMYK	0.00, 0.12, 0.29, 0.00
HSL	36°, 100%, 85%
HSV	36°, 29%, 100%
XYZ	76.4784, 78.4833, 54.3495
YIQ	228.8400, 32.3250, -7.6350

Conversions

Conversions Part 2

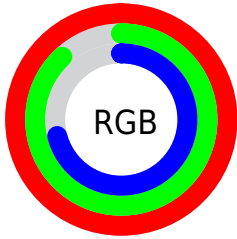
Format	Color
R_{YB}	230, 255, 180
Decimal	16769460
CIE _{Lab}	91.00, 3.85, 25.83
CIE _{LCh}	91, 26.117, 81.529
Yxy	78.4833, 0.3654, 0.3750
Android (android.graphics.Color)	4294959540 (0xFFFFE1B4)
YUV	228.8400, -24.0781, 22.9423
Hunter-Lab	88.5908, -0.9389, 25.6398

Details

The CIELCh color **91, 26.117, 81.529** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 25.246, 270.201**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **71, 26.063, 82.048** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.493, 80.226**, and if you desaturate by 10%, it is **94, 16.951, 82.966**.

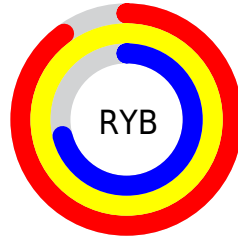
Distribution



Red (100%)

Green (88%)

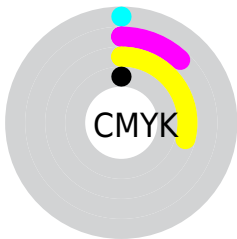
Blue (71%)



Red (90%)

Yellow (100%)

Blue (71%)

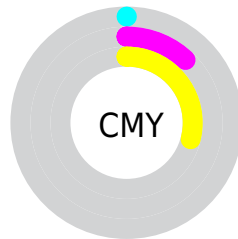


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 26.117, 81.529 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, 26.117, 81.529 by changing the saturation by 10% instead.

 91, 26.117, 81.529

 91, 26.117, 81.529

 100, 26.117,
81.529

 81, 26.117, 81.529

 71, 26.117, 81.529

 61, 26.117, 81.529

 51, 26.117, 81.529

 41, 26.117, 81.529

 31, 26.117, 81.529

 21, 26.117, 81.529

 11, 26.117, 81.529

 1, 26.117, 81.529

91, 26.117, 81.529

91, 26.117, 81.529

88, 35.493, 80.226

94, 16.951, 82.966

85, 45.066, 78.794

97, 8.072, 84.261

82, 54.659, 77.305

100, 0.012,
296.813

80, 63.947, 75.713

77, 72.324, 73.917

75, 78.831, 71.723

72, 82.688, 68.924

72, 82.902, 68.746

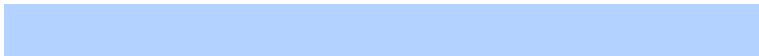
Harmonies

Complementary

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



91, 26.117, 81.529



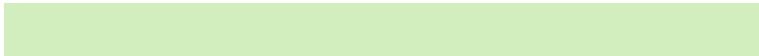
83, 25.246, 270.201

Rectangle

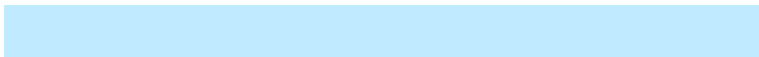
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 26.117, 81.529



91, 26.117, 131.529



91, 26.117, 261.529



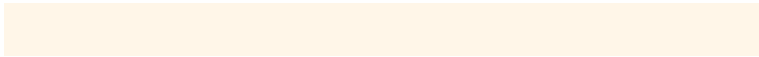
91, 26.117, 311.529

Sweetspot

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



91, 26.099, 81.616



97, 7.746, 84.308



81, 31.720, 352.475



51, 5.395, 84.125



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

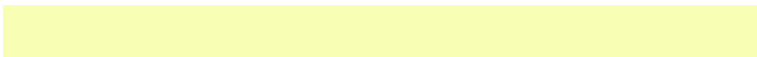
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 26.099, 81.616



89, 31.357, 80.838



98, 37.725, 111.687



52, 4.897, 84.245



55, 66.697, 69.387



18, 27.388, 71.954

Inverse Universe

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



83, 25.246, 270.201



80, 30.131, 271.380



76, 40.488, 297.113



50, 4.858, 266.826



36, 70.682, 292.580



10, 28.394, 286.870

Previews

White Background



This preview shows how the CIE LCh color 91, 26.117, 81.529 looks on a white background.

Color Contrast Check

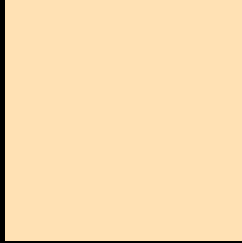
Large Text (above 18pt) WCAG AA × Fail

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, 26.117, 81.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

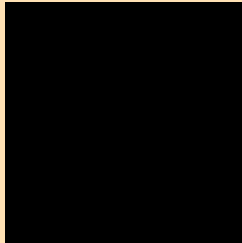
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 26.117, 81.529

Background



This preview shows how black text looks on a background with the CIELCh color 91, 26.117, 81.529.

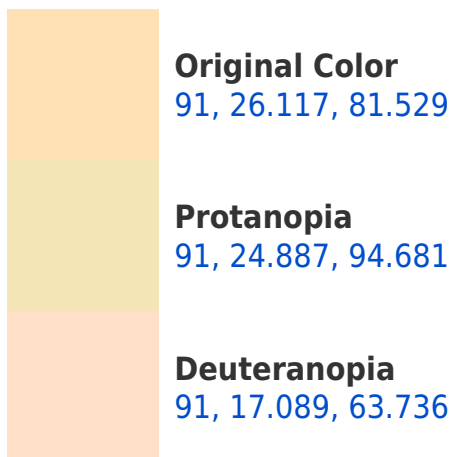



This preview shows how white text looks on a background with the CIELCh color 91, 26.117, 81.529.

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](#).

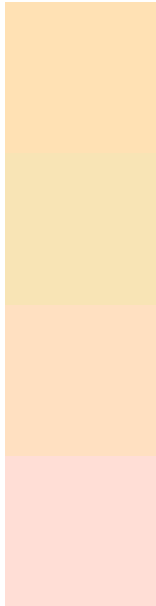
Dichromacy





Tritanopia
91, 14.550, 350.672

Trichromacy



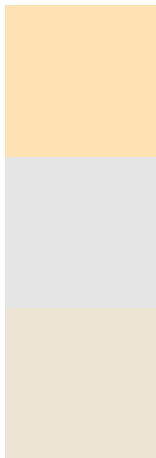
Original Color
91, 26.117, 81.529

Protanomaly
91, 25.453, 90.381

Deuteranomaly
91, 20.050, 72.370

Tritanomaly
91, 12.980, 38.648

Monochromacy



Original Color
91, 26.117, 81.529

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.512, 86.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 26.117, 81.529 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(255, 225, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 180)  
}
```

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(255, 225, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 26.117, 81.529 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(255, 225, 180) }
```

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

```
.border{ border-color:rgb(255, 225, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 26.117, 81.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 180) }
```

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

```
.background{ background-color: rgb(255,  
225, 180) }
```

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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