

Converting Colors

CIELCh(91, 21.314, 77.054)

Have a look what the booklet for
CIELCh(91, 21.314, 77.054) contains.

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Color

CIELCh(91, 21.334, 77.041)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1BE
RGB	254, 225, 190
RGB Percent	100%, 88%, 75%
CMY	0.0047, 0.1184, 0.2557
CMYK	0.00, 0.11, 0.25, 0.00
HSL	33°, 96%, 87%
HSV	33°, 25%, 100%
XYZ	76.9416, 78.4833, 59.6971
YIQ	229.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

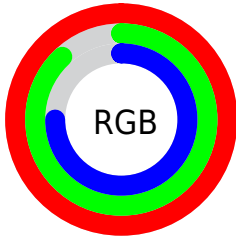
Format	Color
R _Y B	243, 254, 190
Decimal	16703934
CIE Lab	91.00, 4.78, 20.79
CIE LCh	91, 21.334, 77.041
Yxy	78.4833, 0.3577, 0.3648
Android (android.graphics.Color)	4294894014 (0xFFFE1BE)
YUV	229.6810, -19.5627, 21.3278
Hunter-Lab	88.5908, -0.0057, 22.0609

Details

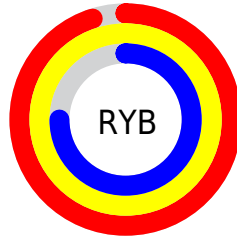
The CIELCh color **91, 21.334, 77.041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 20.311, 264.237**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **71, 21.222, 76.708** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.389, 75.709**, and if you desaturate by 10%, it is **94, 12.619, 78.355**.

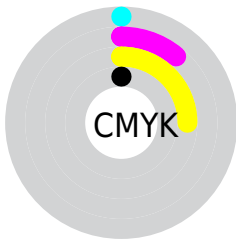
Distribution



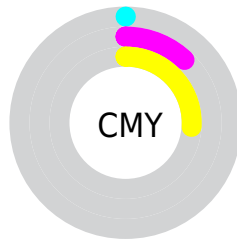
- Red (100%)
- Green (88%)
- Blue (75%)



- Red (95%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 21.334, 77.041 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, 21.334, 77.041 by changing the saturation by 10% instead.

 91, 21.334, 77.041

 91, 21.334, 77.041

 100, 21.334,
77.041

 81, 21.334, 77.041

 71, 21.334, 77.041

 61, 21.334, 77.041

 51, 21.334, 77.041

 41, 21.334, 77.041

 31, 21.334, 77.041

 21, 21.334, 77.041

 11, 21.334, 77.041

 1, 21.334, 77.041

91, 21.334, 77.041

91, 21.334, 77.041

88, 30.389, 75.709

94, 12.619, 78.355

85, 39.759, 74.340

98, 4.235, 79.580

81, 49.355, 72.933

100, 0.419,
200.961

78, 58.972, 71.454

76, 68.175, 69.821

73, 76.169, 67.857

70, 81.817, 65.260

69, 83.752, 63.822

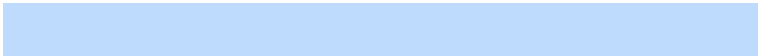
Harmonies

Complementary

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



91, 21.334, 77.041



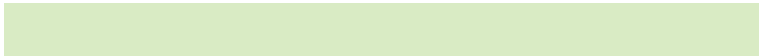
86, 20.311, 264.237

Rectangle

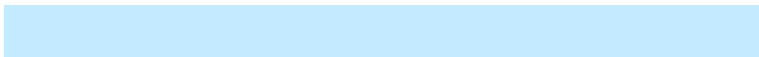
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 21.334, 77.041



91, 21.334, 127.041



91, 21.334, 257.041



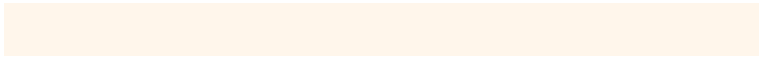
91, 21.334, 307.041

Sweetspot

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



91, 21.335, 77.049



97, 6.565, 79.258



83, 28.051, 347.872



51, 4.680, 79.074



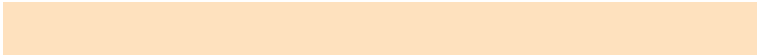
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 21.335, 77.049



90, 25.727, 76.410



98, 32.249, 109.161



51, 4.680, 79.074



53, 67.535, 64.502



17, 27.078, 66.549

Inverse Universe

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



86, 20.311, 264.237



84, 24.238, 265.178



79, 34.254, 294.323



50, 4.609, 261.660



39, 63.952, 288.452



11, 25.827, 282.283

Previews

White Background



This preview shows how the CIE LCh color 91, 21.334, 77.041 looks on a white background.

Color Contrast Check

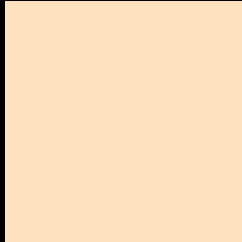
Large Text (above 18pt) WCAG AA × Fail

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, 21.334, 77.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

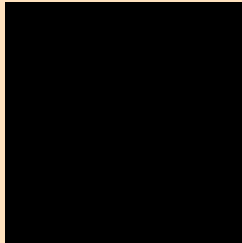
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 21.334, 77.041

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.334, 77.041.



This preview shows how white text looks on a background with the CIELCh color 91, 21.334, 77.041.

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, 21.334, 77.041

Protanopia

91, 19.703, 94.028

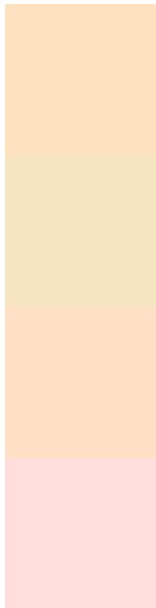
Deuteranopia

91, 15.990, 60.017



Tritanopia
91, 14.800, 348.919

Trichromacy



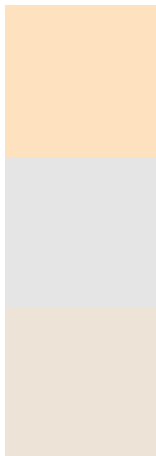
Original Color
91, 21.334, 77.041

Protanomaly
91, 19.974, 87.255

Deuteranomaly
91, 17.972, 67.888

Tritanomaly
91, 12.287, 27.418

Monochromacy



Original Color
91, 21.334, 77.041

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.384, 76.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.334, 77.041 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, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 190)  
}
```

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, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.334, 77.041 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, 225, 190) }
```

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

```
.border{ border-color:rgb(254, 225, 190) }
```

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

Here you see how a box with a 4 pixel rgb(254, 225, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.334, 77.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 190) }
```

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

```
.background{ background-color: rgb(254,  
225, 190) }
```

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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