

Converting Colors

CIELCh(100, 56.982, 48.703)

Have a look what the booklet for
CIELCh(100, 56.982, 48.703)
contains.

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Color

CIELCh(91, 29.414, 84.188)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1AD
RGB	255, 225, 173
RGB Percent	100%, 88%, 68%
CMY	0.0000, 0.1158, 0.3198
CMYK	0.00, 0.12, 0.32, 0.00
HSL	38°, 100%, 84%
HSV	38°, 32%, 100%
XYZ	76.0507, 78.4833, 50.8994
YIQ	228.0420, 34.5720, -9.8120

Conversions

Conversions Part 2

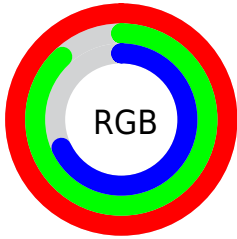
Format	Color
R _Y B	220, 255, 173
Decimal	16769453
CIE Lab	91.00, 2.98, 29.26
CIE LCh	91, 29.414, 84.188
Yxy	78.4833, 0.3702, 0.3820
Android (android.graphics.Color)	4294959533 (0xFFFFE1AD)
YUV	228.0420, -27.1357, 23.6422
Hunter-Lab	88.5908, -1.8008, 27.9488

Details

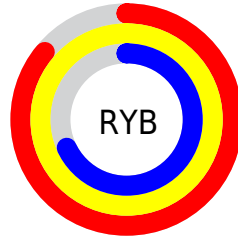
The CIELCh color **91, 29.414, 84.188** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 28.777, 273.918**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **71, 29.536, 84.607** is the 20% darker color. If you saturate the color by 10%, you get **88, 38.923, 83.132**, and if you desaturate by 10%, it is **94, 19.918, 85.890**.

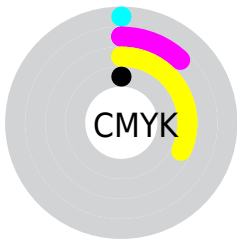
Distribution



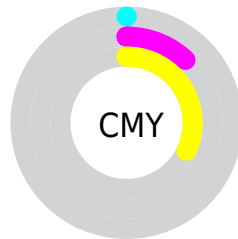
- Red (100%)
- Green (88%)
- Blue (68%)



- Red (86%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 29.414, 84.188 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, 29.414, 84.188 by changing the saturation by 10% instead.

 91, 29.414, 84.188

 91, 29.414, 84.188

 100, 29.414,
84.188

 81, 29.414, 84.188

 71, 29.414, 84.188

 61, 29.414, 84.188

 51, 29.414, 84.188

 41, 29.414, 84.188

 31, 29.414, 84.188

 21, 29.414, 84.188

 11, 29.414, 84.188

 1, 29.414, 84.188

91, 29.414, 84.188

91, 29.414, 84.188

88, 38.923, 83.132

94, 19.918, 85.890

86, 48.579, 81.686

97, 10.717, 87.199

83, 58.086, 80.175

99, 1.743, 88.325

81, 67.033, 78.548

100, 0.012,
296.813

78, 74.706, 76.700

76, 80.105, 74.441

74, 82.538, 72.253

Harmonies

Complementary

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



91, 29.414, 84.188



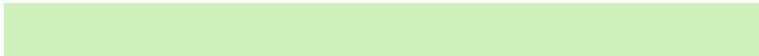
81, 28.777, 273.918

Rectangle

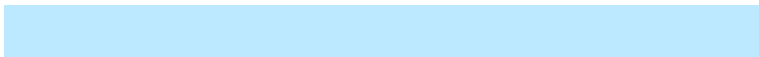
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 29.414, 84.188



91, 29.414, 134.188



91, 29.414, 264.188



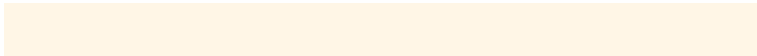
91, 29.414, 314.188

Sweetspot

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



91, 29.335, 84.533



97, 8.919, 87.450



79, 34.059, 355.009



51, 6.097, 87.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

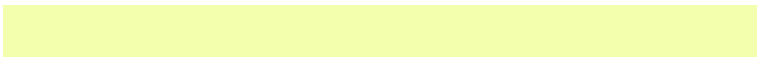
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 29.335, 84.533



89, 35.088, 83.695



98, 41.100, 112.925



52, 5.068, 87.512



57, 66.460, 72.846



19, 27.743, 75.581

Inverse Universe

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



81, 28.777, 273.918



78, 34.316, 275.216



75, 44.379, 298.535



50, 5.050, 270.060



34, 75.358, 295.004



9, 30.227, 289.614

Previews

White Background



This preview shows how the CIE LCh color 91, 29.414, 84.188 looks on a white background.

Color Contrast Check

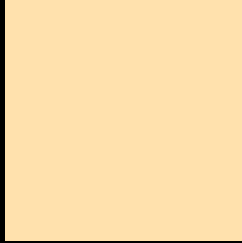
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 29.414, 84.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

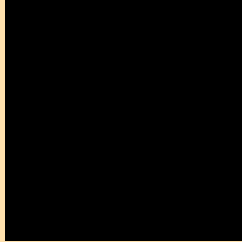
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

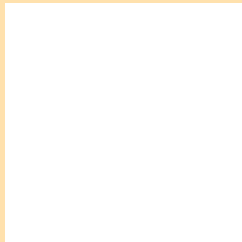
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 29.414, 84.188

Background



This preview shows how black text looks on a background with the CIELCh color 91, 29.414, 84.188.

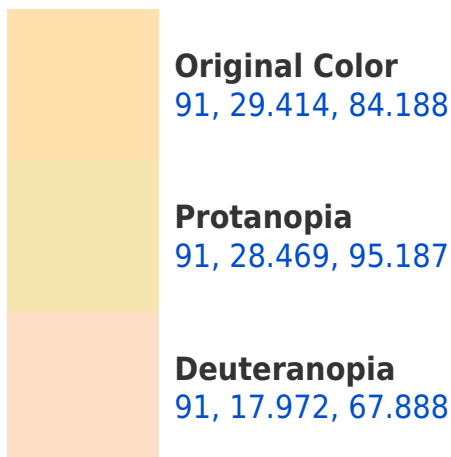


This preview shows how white text looks on a background with the CIELCh color 91, 29.414, 84.188.

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](#).

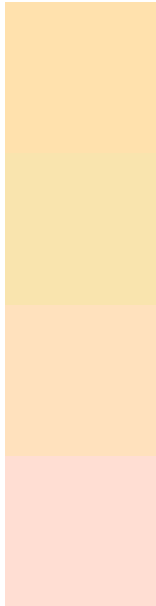
Dichromacy





Tritanopia
91, 14.315, 352.485

Trichromacy



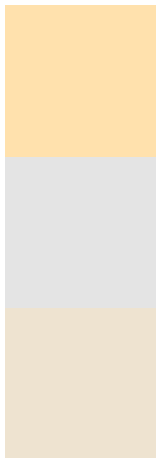
Original Color
91, 29.414, 84.188

Protanomaly
91, 29.013, 91.364

Deuteranomaly
91, 21.994, 76.809

Tritanomaly
91, 13.620, 44.683

Monochromacy



Original Color
91, 29.414, 84.188

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 10.624, 86.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 29.414, 84.188 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 29.414, 84.188 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, 173) }
```

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

```
.border{ border-color:rgb(255, 225, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 173); box-shadow:4px 4px 4px 4px rgb(255, 225, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 29.414, 84.188 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
225, 173) }
```

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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