

Converting Colors

CIELCh(100, 55.311, 45.341)

Have a look what the booklet for
CIELCh(100, 55.311, 45.341)
contains.

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Color

CIELCh(91, 25.866, 80.298)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B5
RGB	255, 225, 181
RGB Percent	100%, 88%, 71%
CMY	0.0000, 0.1184, 0.2911
CMYK	0.00, 0.12, 0.29, 0.00
HSL	36°, 100%, 85%
HSV	36°, 29%, 100%
XYZ	76.7312, 78.4833, 54.6956
YIQ	228.9540, 32.0040, -7.3240

Conversions

Conversions Part 2

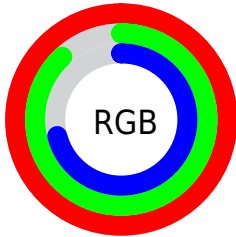
Format	Color
R_YB	231, 255, 181
Decimal	16769461
CIE Lab	91.00, 4.36, 25.50
CIE LCh	91, 25.866, 80.298
Yxy	78.4833, 0.3655, 0.3739
Android (android.graphics.Color)	4294959541 (0xFFFFE1B5)
YUV	228.9540, -23.6413, 22.8423
Hunter-Lab	88.5908, -0.4296, 25.4082

Details

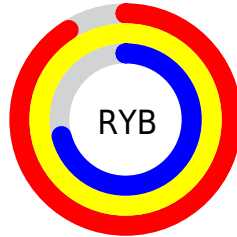
The CIELCh color **91, 25.866, 80.298** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.792, 269.448**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **71, 25.570, 81.616** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.068, 79.557**, and if you desaturate by 10%, it is **94, 16.609, 82.291**.

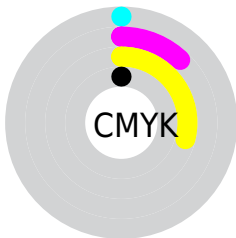
Distribution



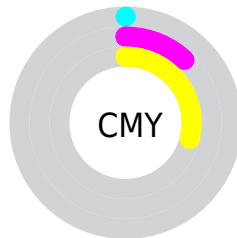
- Red (100%)
- Green (88%)
- Blue (71%)



- Red (91%)
- 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, 25.866, 80.298 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, 25.866, 80.298 by changing the saturation by 10% instead.

 91, 25.866, 80.298

 91, 25.866, 80.298

 100, 25.866,
80.298

 81, 25.866, 80.298

 71, 25.866, 80.298

 61, 25.866, 80.298

 51, 25.866, 80.298

 41, 25.866, 80.298

 31, 25.866, 80.298

 21, 25.866, 80.298

 11, 25.866, 80.298

 1, 25.866, 80.298

91, 25.866, 80.298

91, 25.866, 80.298

88, 35.068, 79.557

94, 16.609, 82.291

85, 44.625, 78.130

97, 7.789, 83.584

82, 54.228, 76.646

100, 0.012,
296.813

80, 63.562, 75.062

77, 72.037, 73.274

74, 78.700, 71.088

72, 82.710, 68.280

72, 83.023, 68.025

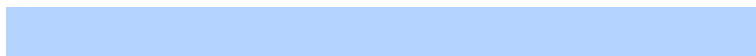
Harmonies

Complementary

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



91, 25.866, 80.298



84, 24.792, 269.448

Rectangle

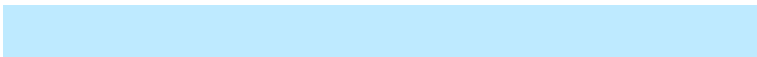
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 25.866, 80.298



91, 25.866, 130.298



91, 25.866, 260.298



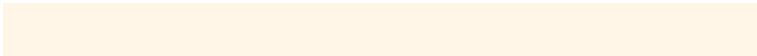
91, 25.866, 310.298

Sweetspot

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



91, 25.708, 80.943



97, 7.693, 83.597



81, 31.702, 351.380



51, 5.359, 83.415



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, 25.708, 80.943



89, 31.192, 80.131



98, 37.357, 110.985



52, 4.864, 83.534



55, 66.782, 68.674



18, 27.329, 71.186

Inverse Universe

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



84, 24.792, 269.448



80, 29.847, 270.683



77, 40.081, 296.526



50, 4.820, 266.119



36, 69.709, 292.035



10, 28.018, 286.258

Previews

White Background



This preview shows how the CIELCh color 91, 25.866, 80.298 looks on a white background.

Color Contrast Check

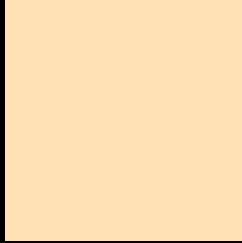
Large Text (above 18pt) WCAG AA × Fail

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, 25.866, 80.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

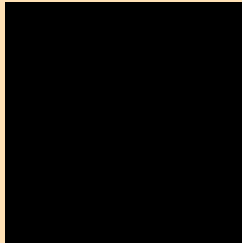
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 25.866, 80.298

Background



This preview shows how black text looks on a background with the CIELCh color 91, 25.866, 80.298.



This preview shows how white text looks on a background with the CIELCh color 91, 25.866, 80.298.

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, 25.651, 81.087

Protanopia

91, 24.296, 95.354

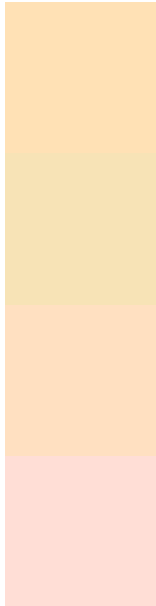
Deuteranopia

91, 17.089, 63.736



Tritanopia
91, 14.315, 352.485

Trichromacy



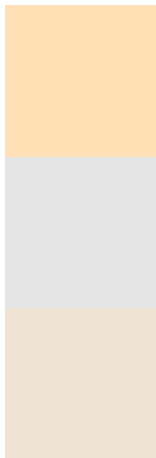
Original Color
91, 25.651, 81.087

Protanomaly
91, 24.494, 89.766

Deuteranomaly
91, 20.050, 72.370

Tritanomaly
91, 12.980, 38.648

Monochromacy



Original Color
91, 25.651, 81.087

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.201, 83.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 25.866, 80.298 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 25.866, 80.298 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, 181) }
```

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

```
.border{ border-color:rgb(255, 225, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 25.866, 80.298 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
225, 181) }
```

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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