

Converting Colors

CIELCh(91, 14.881, 32.483)

Have a look what the booklet for
CIELCh(91, 14.881, 32.483) contains.

CIELCh(91, 13.180, 36.066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 13.180, 36.066)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED7
RGB	255, 222, 215
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1300, 0.1575
CMYK	0.00, 0.13, 0.16, 0.00
HSL	10°, 100%, 92%
HSV	10°, 16%, 100%
XYZ	79.8859, 78.4833, 75.1195
YIQ	231.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 223, 215
Decimal	16768727
CIE Lab	91.00, 10.65, 7.76
CIE LCh	91, 13.180, 36.066
Yxy	78.4833, 0.3421, 0.3361
Android (android.graphics.Color)	4294958807 (0xFFFFDED7)
YUV	231.0690, -7.9220, 20.9875
Hunter-Lab	88.5908, 5.9267, 11.7393

Details

The CIELCh color **91, 13.180, 36.066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.584, 216.953**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 12.853, 37.498** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.935, 36.609**, and if you desaturate by 10%, it is **97, 4.502, 36.375**.

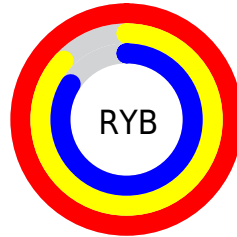
Distribution



Red (100%)

Green (87%)

Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)



Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.180, 36.066 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, 13.180, 36.066 by changing the saturation by 10% instead.

 91, 13.180, 36.066

 91, 13.180, 36.066

 100, 13.180,
36.066

 81, 13.180, 36.066

 71, 13.180, 36.066

 61, 13.180, 36.066

 51, 13.180, 36.066

 41, 13.180, 36.066

 31, 13.180, 36.066

 21, 13.180, 36.066

 11, 13.180, 36.066

 1, 13.180, 36.066

91, 13.180, 36.066

91, 13.180, 36.066

85, 21.935, 36.609

97, 4.502, 36.375

80, 31.769, 36.916

100, 0.012,
296.813

75, 42.369, 37.436

70, 53.681, 38.213

65, 65.540, 39.268

62, 77.579, 40.542

58, 88.974, 41.776

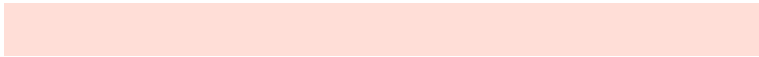
56, 97.960, 42.301

55, 100.852,
42.352

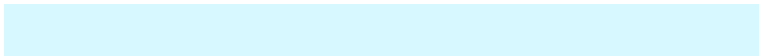
Harmonies

Complementary

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



91, 13.180, 36.066



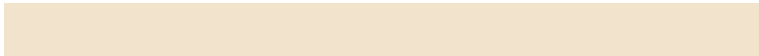
95, 11.584, 216.953

Rectangle

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



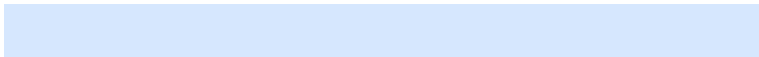
91, 13.180, 36.066



91, 13.180, 86.066



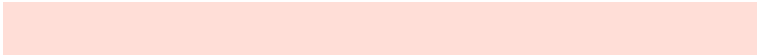
91, 13.180, 216.066



91, 13.180, 266.066

Sweetspot

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



91, 12.860, 36.463



97, 3.903, 36.358



90, 22.433, 330.346



51, 2.671, 36.374



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, 12.860, 36.463



89, 15.729, 36.497



96, 14.539, 89.111



50, 4.522, 36.418



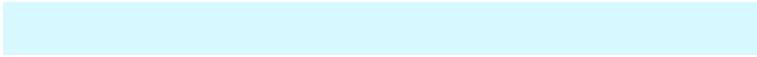
42, 80.806, 42.717



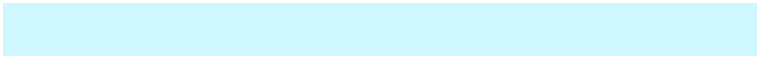
11, 30.353, 35.776

Inverse Universe

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



95, 11.584, 216.953



95, 13.837, 217.055



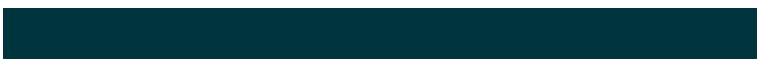
90, 14.496, 273.331



52, 4.255, 216.819



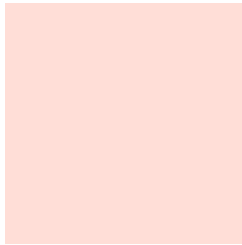
60, 35.101, 230.095



20, 16.142, 225.513

Previews

White Background



This preview shows how the CIELCh color 91, 13.180, 36.066 looks on a white background.

Color Contrast Check

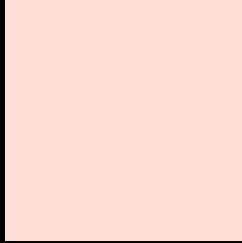
Large Text (above 18pt) WCAG AA × Fail

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, 13.180, 36.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

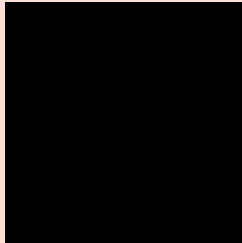
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

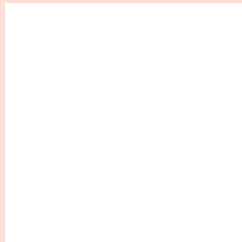
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.180, 36.066

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.180, 36.066.

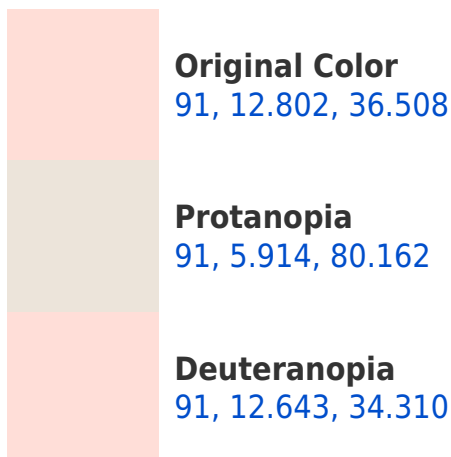



This preview shows how white text looks on a background with the CIELCh color 91, 13.180, 36.066.

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](#).

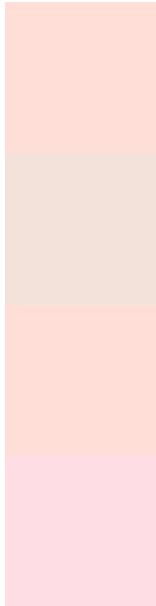
Dichromacy





Tritanopia
91, 14.800, 348.919

Trichromacy



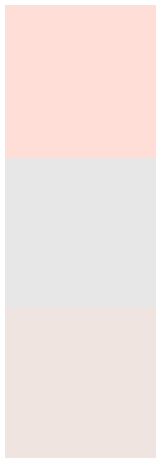
Original Color
91, 12.802, 36.508

Protanomaly
91, 7.776, 56.319

Deuteranomaly
91, 12.643, 34.310

Tritanomaly
91, 12.887, 4.063

Monochromacy



Original Color
91, 12.802, 36.508

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.598, 39.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.180, 36.066 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, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 215)  
}
```

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, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.180, 36.066 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, 222, 215) }
```

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

```
.border{ border-color:rgb(255, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.180, 36.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 215) }
```

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

```
.background{ background-color: rgb(255,  
222, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor