

Converting Colors

CIELCh(100, 48.698, 34.266)

Have a look what the booklet for
CIELCh(100, 48.698, 34.266)
contains.

CIELCh(91, 15.680, 60.922)	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, 15.680, 60.922)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFCB
RGB	254, 223, 203
RGB Percent	100%, 87%, 80%
CMY	0.0023, 0.1238, 0.2022
CMYK	0.00, 0.12, 0.20, 0.00
HSL	24°, 98%, 90%
HSV	24°, 20%, 100%
XYZ	78.3551, 78.4833, 67.7913
YIQ	229.9890, 24.8960, 0.3520

Conversions

Conversions Part 2

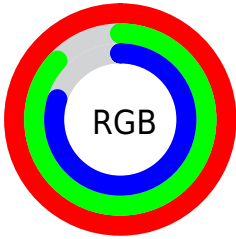
Format	Color
R _Y B	254, 236, 203
Decimal	16703435
CIE Lab	91.00, 7.62, 13.70
CIE LCh	91, 15.680, 60.922
Yxy	78.4833, 0.3488, 0.3494
Android (android.graphics.Color)	4294893515 (0xFFFEFCB)
YUV	229.9890, -13.3056, 21.0576
Hunter-Lab	88.5908, 2.8423, 16.6438

Details

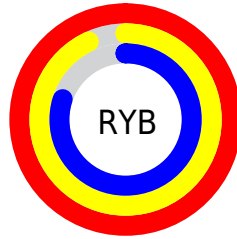
The CIELCh color **91, 15.680, 60.922** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.332, 245.463**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 15.706, 60.958** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.301, 59.987**, and if you desaturate by 10%, it is **95, 7.602, 61.885**.

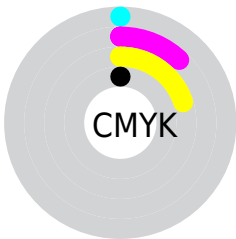
Distribution



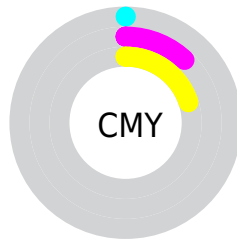
- Red (100%)
- Green (87%)
- Blue (80%)



- Red (100%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 15.680, 60.922 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, 15.680, 60.922 by changing the saturation by 10% instead.

 91, 15.680, 60.922

 91, 15.680, 60.922

 100, 15.680,
60.922

 81, 15.680, 60.922

 71, 15.680, 60.922

 61, 15.680, 60.922

 51, 15.680, 60.922

 41, 15.680, 60.922

 31, 15.680, 60.922

 21, 15.680, 60.922

 11, 15.680, 60.922

 1, 15.680, 60.922

91, 15.680, 60.922

91, 15.680, 60.922

87, 24.301, 59.987

95, 7.602, 61.885

83, 33.498, 59.077

100, 0.021, 36.442

79, 43.272, 58.213

100, 0.205,
202.620

75, 53.553, 57.388

71, 64.130, 56.550

68, 74.495, 55.560

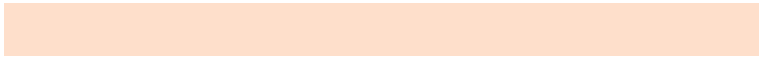
65, 83.612, 54.099

62, 90.310, 51.870

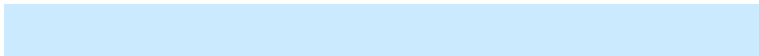
Harmonies

Complementary

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



91, 15.680, 60.922



91, 14.332, 245.463

Rectangle

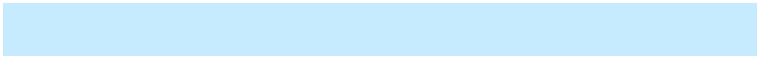
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 15.680, 60.922



91, 15.680, 110.922



91, 15.680, 240.922



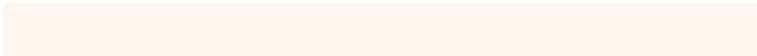
91, 15.680, 290.922

Sweetspot

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



91, 15.680, 60.933



97, 4.494, 62.239



87, 24.525, 339.414



52, 2.987, 62.186



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, 15.680, 60.933



89, 19.067, 60.555



97, 22.947, 102.814



51, 4.308, 61.933



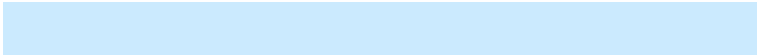
47, 72.449, 52.538



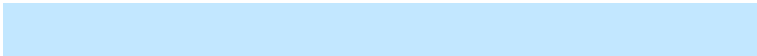
14, 27.528, 51.502

Inverse Universe

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



91, 14.332, 245.463



90, 17.081, 246.074



85, 23.747, 287.467



51, 4.142, 244.085



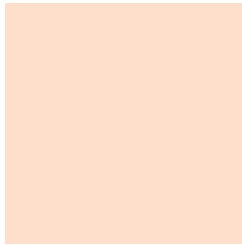
47, 46.814, 271.400



14, 19.647, 264.183

Previews

White Background



This preview shows how the CIE LCh color 91, 15.680, 60.922 looks on a white background.

Color Contrast Check

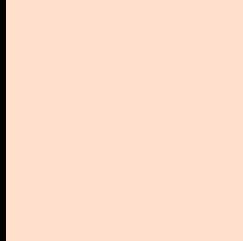
Large Text (above 18pt) WCAG AA × Fail

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, 15.680, 60.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

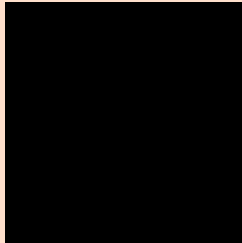
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 15.680, 60.922

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.680, 60.922.

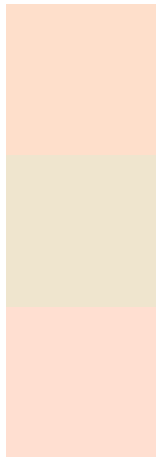


This preview shows how white text looks on a background with the CIELCh color 91, 15.680, 60.922.

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, 15.696, 60.915

Protanopia

91, 12.429, 91.743

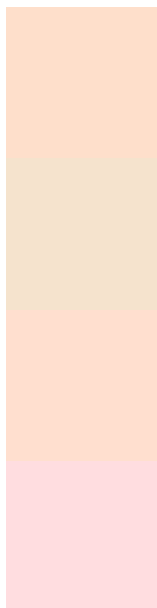
Deuteranopia

91, 14.056, 50.877



Tritanopia
91, 14.800, 348.919

Trichromacy



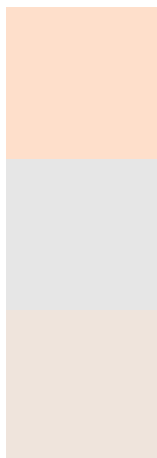
Original Color
91, 15.696, 60.915

Protanomaly
91, 13.219, 78.517

Deuteranomaly
91, 14.655, 54.197

Tritanomaly
91, 12.543, 13.203

Monochromacy



Original Color
91, 15.696, 60.915

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.738, 65.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.680, 60.922 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, 223, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 203)  
}
```

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, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.680, 60.922 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, 223, 203) }
```

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

```
.border{ border-color:rgb(254, 223, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.680, 60.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 203) }
```

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

```
.background{ background-color: rgb(254,  
223, 203) }
```

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