

Converting Colors

CIELCh(91, 12.847, 51.327)

Have a look what the booklet for
CIELCh(91, 12.847, 51.327) contains.

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Color

CIELCh(91, 13.111, 50.703)

Conversions

Conversions Part 1

Format	Color
Hex	FDDFD2
RGB	253, 223, 210
RGB Percent	99%, 87%, 82%
CMY	0.0069, 0.1246, 0.1756
CMYK	0.00, 0.12, 0.17, 0.01
HSL	18°, 92%, 91%
HSV	18°, 17%, 99%
XYZ	78.6982, 78.4833, 72.1166
YIQ	230.4880, 22.0530, 2.3170

Conversions

Conversions Part 2

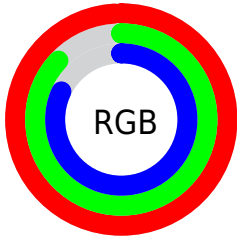
Format	Color
R _Y B	253, 229, 210
Decimal	16637906
CIE Lab	91.00, 8.30, 10.15
CIE LCh	91, 13.111, 50.703
Yxy	78.4833, 0.3432, 0.3423
Android (android.graphics.Color)	4294827986 (0xFFFD2)
YUV	230.4880, -10.1006, 19.7430
Hunter-Lab	88.5908, 3.5336, 13.7491

Details

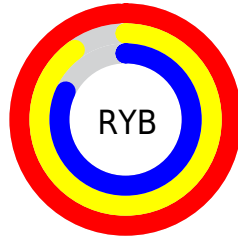
The CIELCh color **91, 13.111, 50.703** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.903, 233.350**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 12.957, 50.261** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.655, 50.174**, and if you desaturate by 10%, it is **96, 5.189, 51.276**.

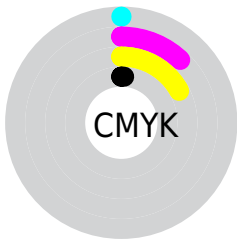
Distribution



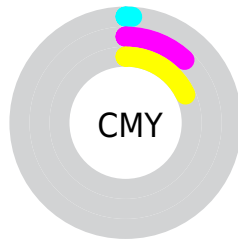
- Red (99%)
- Green (87%)
- Blue (82%)



- Red (99%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.111, 50.703 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, 13.111, 50.703 by changing the saturation by 10% instead.

 91, 13.111, 50.703

 91, 13.111, 50.703

 100, 13.111,
50.703

 81, 13.111, 50.703

 71, 13.111, 50.703

 61, 13.111, 50.703

 51, 13.111, 50.703

 41, 13.111, 50.703

 31, 13.111, 50.703

 21, 13.111, 50.703

 11, 13.111, 50.703

 1, 13.111, 50.703

91, 13.111, 50.703

91, 13.111, 50.703

86, 21.655, 50.174

96, 5.189, 51.276

81, 30.872, 49.714

100, 0.615,
200.443

77, 40.784, 49.364

73, 51.359, 49.136

69, 62.456, 49.009

65, 73.705, 48.888

62, 84.253, 48.501

59, 92.498, 47.305

58, 94.607, 46.904

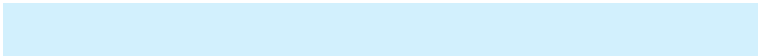
Harmonies

Complementary

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



91, 13.111, 50.703



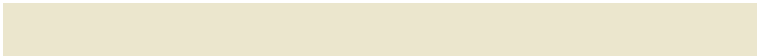
93, 11.903, 233.350

Rectangle

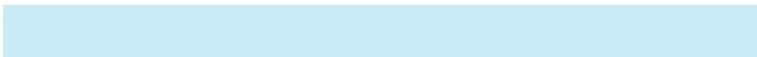
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 13.111, 50.703



91, 13.111, 100.703



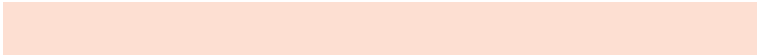
91, 13.111, 230.703



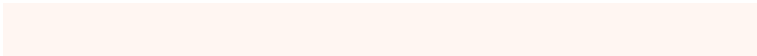
91, 13.111, 280.703

Sweetspot

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



91, 13.110, 50.716



97, 3.707, 51.360



89, 21.913, 335.465



52, 2.536, 51.334



0, 0.000, 0.000



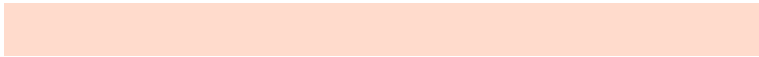
53, 0.007, 296.813

Same Dimension

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



91, 13.110, 50.716



90, 15.708, 50.546



96, 17.809, 98.428



51, 4.289, 51.143



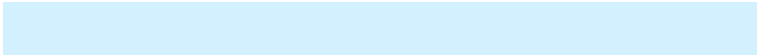
44, 76.122, 47.464



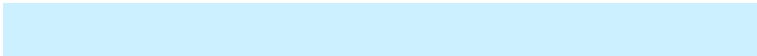
13, 28.524, 44.005

Inverse Universe

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



93, 11.903, 233.350



93, 13.992, 233.668



88, 18.148, 282.592



51, 4.075, 232.680



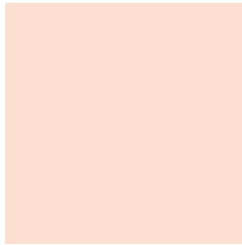
53, 39.640, 256.704



17, 17.296, 249.657

Previews

White Background



This preview shows how the CIELCh color 91, 13.111, 50.703 looks on a white background.

Color Contrast Check

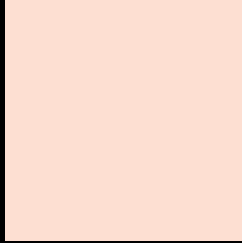
Large Text (above 18pt) WCAG AA × Fail

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, 13.111, 50.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

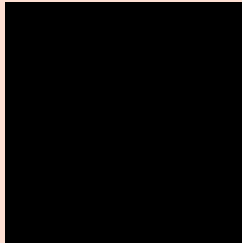
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

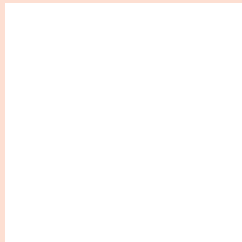
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.111, 50.703

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.111, 50.703.

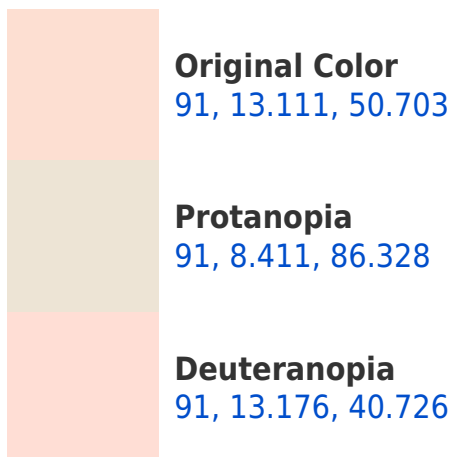


This preview shows how white text looks on a background with the CIELCh color 91, 13.111, 50.703.

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](#).

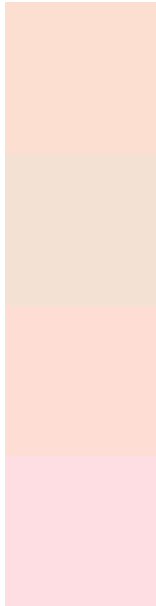
Dichromacy





Tritanopia
91, 15.064, 347.227

Trichromacy



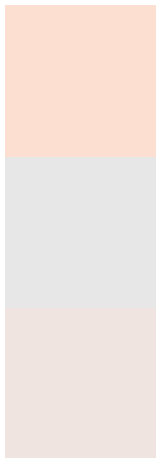
Original Color
91, 13.111, 50.703

Protanomaly
91, 9.585, 68.486

Deuteranomaly
91, 13.037, 43.364

Tritanomaly
91, 12.411, 5.850

Monochromacy



Original Color
91, 13.111, 50.703

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.735, 52.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.111, 50.703 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(253, 223, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 210)  
}
```

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(253, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.111, 50.703 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(253, 223, 210) }
```

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

```
.border{ border-color:rgb(253, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.111, 50.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 210) }
```

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

```
.background{ background-color: rgb(253,  
223, 210) }
```

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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