

Converting Colors

CIELCh(96, 30.832, 25.245)

Have a look what the booklet for
CIELCh(96, 30.832, 25.245) contains.

CIELCh(91, 12.000, 30.032)	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, 12.000, 30.032)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEDA
RGB	254, 222, 218
RGB Percent	100%, 87%, 85%
CMY	0.0034, 0.1288, 0.1445
CMYK	0.00, 0.13, 0.14, 0.00
HSL	7°, 95%, 93%
HSV	7°, 14%, 100%
XYZ	79.7514, 78.4833, 77.3778
YIQ	231.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

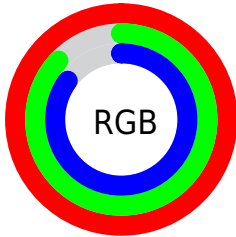
Format	Color
RYB	254, 223, 218
Decimal	16703194
CIELab	91.00, 10.39, 6.01
CIELCh	91, 12.000, 30.032
Yxy	78.4833, 0.3385, 0.3331
Android (android.graphics.Color)	4294893274 (0xFFFEDEDA)
YUV	231.1120, -6.4642, 20.0728
Hunter-Lab	88.5908, 5.6557, 10.2279

Details

The CIELCh color **91, 12.000, 30.032** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.914, 209.661**, 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, 11.979, 30.771** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.354, 30.499**, and if you desaturate by 10%, it is **97, 3.378, 29.630**.

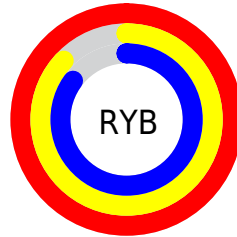
Distribution



Red (100%)

Green (87%)

Blue (85%)



Red (100%)

Yellow (87%)

Blue (85%)



Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.000, 30.032 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, 12.000, 30.032 by changing the saturation by 10% instead.

 91, 12.000, 30.032

 91, 12.000, 30.032

 100, 12.000,
30.032

 81, 12.000, 30.032

 71, 12.000, 30.032

 61, 12.000, 30.032

 51, 12.000, 30.032

 41, 12.000, 30.032

 31, 12.000, 30.032

 21, 12.000, 30.032

 11, 12.000, 30.032

 1, 12.000, 30.032

91, 12.000, 30.032

91, 12.000, 30.032

85, 21.354, 30.499

97, 3.378, 29.630

79, 31.477, 31.147

100, 0.305,
201.557

74, 42.354, 32.058

69, 53.901, 33.298

64, 65.926, 34.916

60, 78.063, 36.892

57, 89.567, 39.000

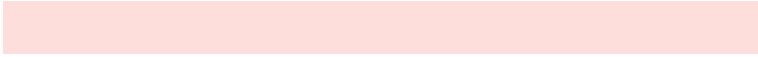
55, 98.797, 40.565

54, 102.520,
41.080

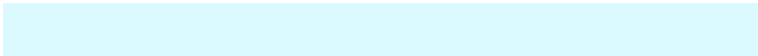
Harmonies

Complementary

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



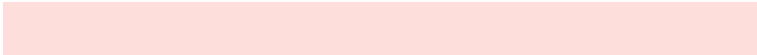
91, 12.000, 30.032



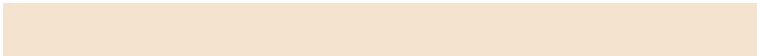
96, 10.914, 209.661

Rectangle

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



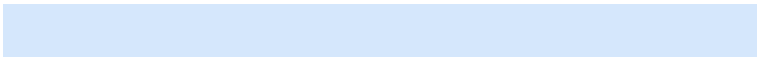
91, 12.000, 30.032



91, 12.000, 80.032



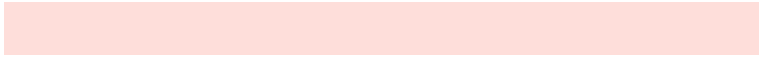
91, 12.000, 210.032



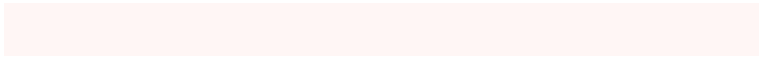
91, 12.000, 260.032

Sweetspot

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



91, 11.998, 30.044



98, 3.259, 29.619



91, 21.047, 328.084



52, 2.323, 29.668



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

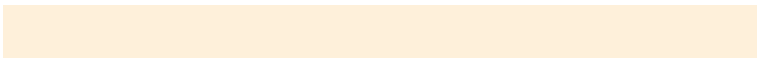
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 11.998, 30.044



90, 14.625, 30.159



95, 12.240, 83.570



50, 4.740, 29.872



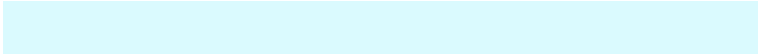
41, 82.472, 41.331



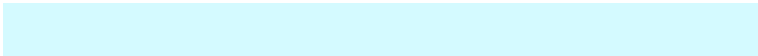
11, 31.304, 32.628

Inverse Universe

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



96, 10.914, 209.661



96, 13.032, 209.646



92, 12.065, 267.432



52, 4.454, 209.717



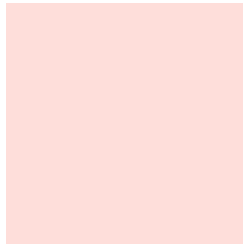
64, 35.663, 216.529



21, 16.563, 213.810

Previews

White Background



This preview shows how the CIELCh color 91, 12.000, 30.032 looks on a white background.

Color Contrast Check

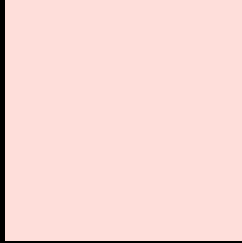
Large Text (above 18pt) WCAG AA × Fail

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, 12.000, 30.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

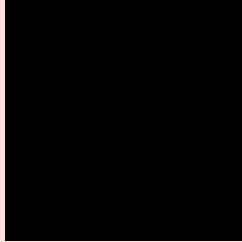
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

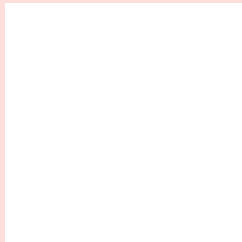
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.000, 30.032

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.000, 30.032.

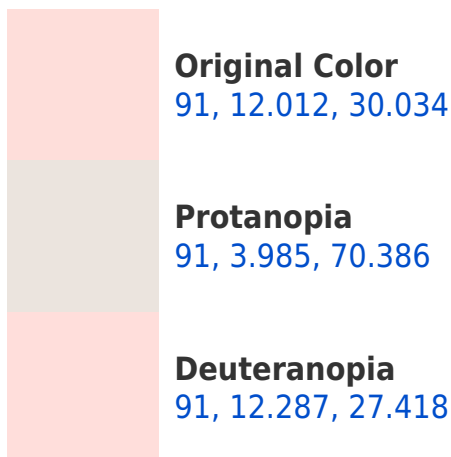


This preview shows how white text looks on a background with the CIELCh color 91, 12.000, 30.032.

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](#).

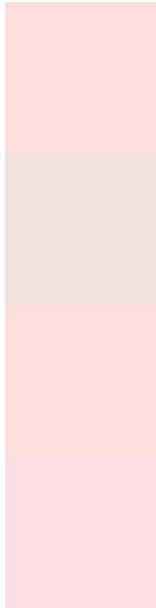
Dichromacy





Tritanopia
91, 15.064, 347.227

Trichromacy



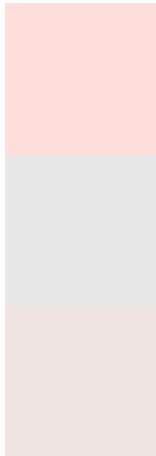
Original Color
91, 12.012, 30.034

Protanomaly
91, 6.371, 43.561

Deuteranomaly
91, 12.287, 27.418

Tritanomaly
91, 13.180, 359.732

Monochromacy



Original Color
91, 12.012, 30.034

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.093, 34.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.000, 30.032 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, 222, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 218)  
}
```

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, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.000, 30.032 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, 222, 218) }
```

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

```
.border{ border-color:rgb(254, 222, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.000, 30.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 218) }
```

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

```
.background{ background-color: rgb(254,  
222, 218) }
```

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