

Converting Colors

CIELCh(90, 14.762, 52.951)

Have a look what the booklet for
CIELCh(90, 14.762, 52.951) contains.

CIELCh(90, 15.022, 53.369)	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(90, 15.022, 53.369)

Conversions

Conversions Part 1

Format	Color
Hex	FDDCCC
RGB	253, 220, 204
RGB Percent	99%, 86%, 80%
CMY	0.0085, 0.1379, 0.2006
CMYK	0.00, 0.13, 0.19, 0.01
HSL	20°, 92%, 90%
HSV	20°, 19%, 99%
XYZ	76.8765, 76.3034, 67.7014
YIQ	228.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

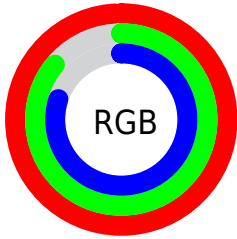
Format	Color
R _Y B	253, 228, 204
Decimal	16637132
CIE Lab	90.00, 8.96, 12.06
CIE LCh	90, 15.022, 53.369
Yxy	76.3034, 0.3480, 0.3454
Android (android.graphics.Color)	4294827212 (0xFFFDCCC)
YUV	228.0430, -11.8532, 21.8873
Hunter-Lab	87.3518, 4.2285, 15.1939

Details

The CIELCh color **90, 15.022, 53.369** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.515, 236.811**, 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 **70, 15.006, 53.067** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.649, 52.730**, and if you desaturate by 10%, it is **95, 7.006, 54.063**.

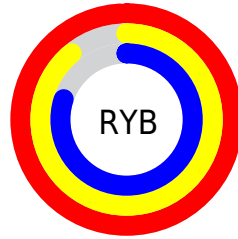
Distribution



Red (99%)

Green (86%)

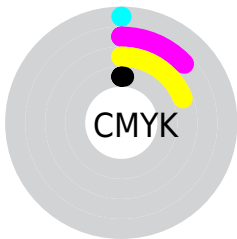
Blue (80%)



Red (99%)

Yellow (89%)

Blue (80%)

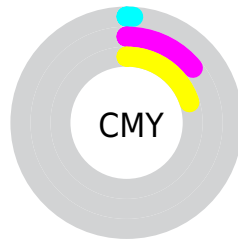


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 15.022, 53.369 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 90, 15.022, 53.369 by changing the saturation by 10% instead.

90, 15.022, 53.369

90, 15.022, 53.369

100, 15.022,
53.369

80, 15.022, 53.369

70, 15.022, 53.369

60, 15.022, 53.369

50, 15.022, 53.369

40, 15.022, 53.369

30, 15.022, 53.369

20, 15.022, 53.369

10, 15.022, 53.369

0, 15.022, 53.369

90, 15.022, 53.369

90, 15.022, 53.369

85, 23.649, 52.730

95, 7.006, 54.063

81, 32.930, 52.154

100, 0.455,
236.204

76, 42.878, 51.672

100, 0.754,
200.237

72, 53.441, 51.287

68, 64.436, 50.963

65, 75.406, 50.570

62, 85.340, 49.784

59, 92.819, 48.185

59, 93.253, 48.097

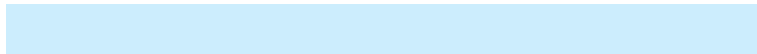
Harmonies

Complementary

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



90, 15.022, 53.369



92, 13.515, 236.811

Rectangle

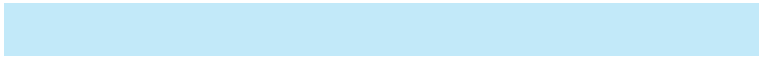
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 15.022, 53.369



90, 15.022, 103.369



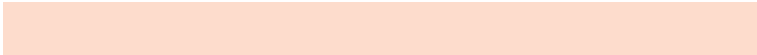
90, 15.022, 233.369



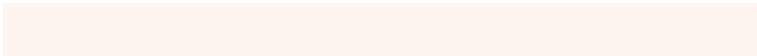
90, 15.022, 283.369

Sweetspot

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



90, 15.022, 53.380



97, 4.458, 54.270



87, 24.707, 336.352



51, 2.964, 54.234



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 15.022, 53.380



89, 18.200, 53.137



96, 20.652, 99.160



51, 4.279, 54.054



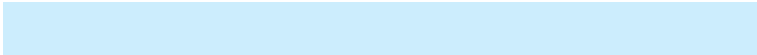
45, 75.128, 48.685



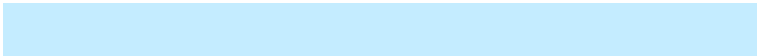
13, 28.218, 45.897

Inverse Universe

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



92, 13.515, 236.811



91, 16.016, 237.265



86, 21.156, 283.898



51, 4.077, 235.779



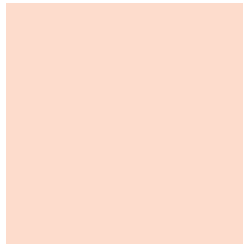
51, 41.296, 261.054



16, 17.816, 253.855

Previews

White Background



This preview shows how the CIE LCh color 90, 15.022, 53.369 looks on a white background.

Color Contrast Check

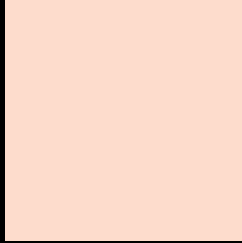
Large Text (above 18pt) WCAG AA × Fail

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 90, 15.022, 53.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

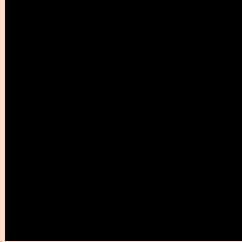
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 15.022, 53.369

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.022, 53.369.

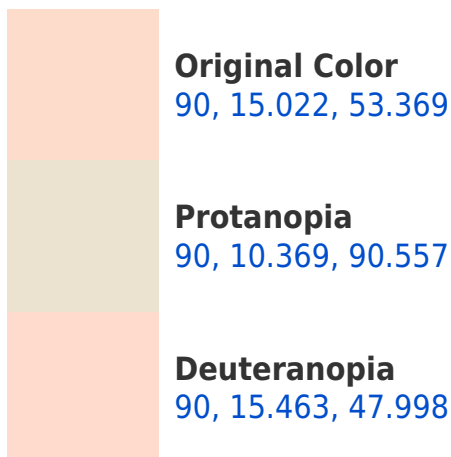


This preview shows how white text looks on a background with the CIELCh color 90, 15.022, 53.369.

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
90, 16.348, 350.200

Trichromacy



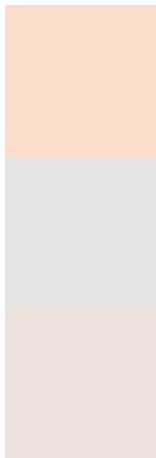
Original Color
90, 15.022, 53.369

Protanomaly
90, 11.275, 75.104

Deuteranomaly
90, 15.121, 48.665

Tritanomaly
90, 13.817, 9.634

Monochromacy



Original Color
90, 15.022, 53.369

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.348, 54.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.022, 53.369 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, 220, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 204)  
}
```

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, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.022, 53.369 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, 220, 204) }
```

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

```
.border{ border-color:rgb(253, 220, 204) }
```

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

Here you see how a box with a 4 pixel rgb(253, 220, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 220,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.022, 53.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 204) }
```

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

```
.background{ background-color: rgb(253,  
220, 204) }
```

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