

Converting Colors

CIE LCh(92, 11.214, 14.669)

Have a look what the booklet for
CIELCh(92, 11.214, 14.669) contains.

CIELCh(92, 10.984, 14.770)	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(92, 10.984, 14.770)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E3
RGB	255, 225, 227
RGB Percent	100%, 88%, 89%
CMY	0.0000, 0.1174, 0.1096
CMYK	0.00, 0.12, 0.11, 0.00
HSL	356°, 100%, 94%
HSV	356°, 12%, 100%
XYZ	82.0782, 80.7044, 83.9683
YIQ	234.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 225, 227
Decimal	16769507
CIE _{Lab}	92.00, 10.62, 2.80
CIE _{LCh}	92, 10.984, 14.770
Y _{xy}	80.7044, 0.3326, 0.3271
Android (android.graphics.Color)	4294959587 (0xFFFFE1E3)
YUV	234.1980, -3.5486, 18.2434
Hunter-Lab	89.8356, 5.8739, 7.4673

Details

The CIELCh color **92, 10.984, 14.770** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 10.258, 193.103**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.838, 14.601** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.015, 15.810**, and if you desaturate by 10%, it is **99, 1.568, 13.592**.

Distribution



Red (100%)

Green (88%)

Blue (89%)



Red (100%)

Yellow (88%)

Blue (89%)



Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.984, 14.770 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 92, 10.984, 14.770 by changing the saturation by 10% instead.

 92, 10.984, 14.770

 92, 10.984, 14.770

 100, 10.984,
14.770

 82, 10.984, 14.770

 72, 10.984, 14.770

 62, 10.984, 14.770

 52, 10.984, 14.770

 42, 10.984, 14.770

 32, 10.984, 14.770

 22, 10.984, 14.770

 12, 10.984, 14.770

 2, 10.984, 14.770

92, 10.984, 14.770

92, 10.984, 14.770

85, 21.015, 15.810

99, 1.568, 13.592

79, 31.708, 17.095

100, 0.012,
296.813

73, 42.931, 18.725

67, 54.475, 20.815

63, 66.021, 23.494

59, 77.173, 26.865

56, 87.506, 30.889

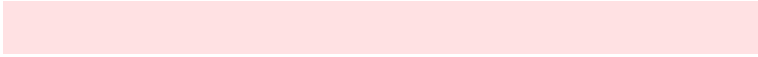
54, 96.425, 35.166

53, 101.935,
38.088

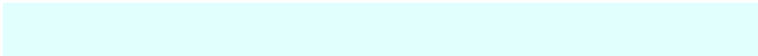
Harmonies

Complementary

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



92, 10.984, 14.770



98, 10.258, 193.103

Rectangle

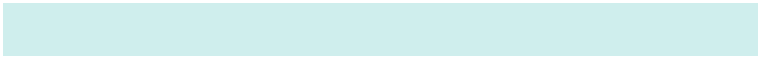
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



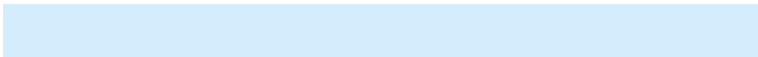
92, 10.984, 14.770



92, 10.984, 64.770



92, 10.984, 194.770



92, 10.984, 244.770

Sweetspot

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



92, 10.958, 14.767



97, 3.634, 13.999



93, 18.346, 323.225



51, 2.589, 14.086



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

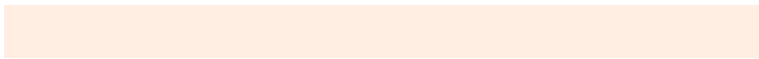
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.958, 14.767



90, 13.174, 14.988



95, 9.075, 66.512



50, 5.266, 14.555



40, 81.467, 37.475



10, 32.839, 24.490

Inverse Universe

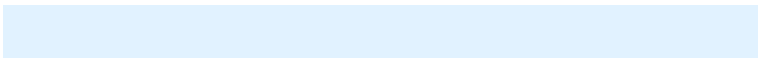
The Inverse Universe completely reimagines the original color for something new.



92, 10.958, 14.767



90, 13.174, 14.988



95, 8.702, 249.379



50, 5.266, 14.555



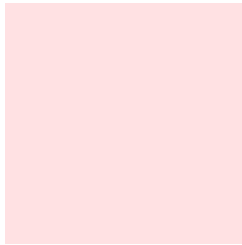
40, 81.467, 37.475



10, 32.839, 24.490

Previews

White Background



This preview shows how the CIELCh color 92, 10.984, 14.770 looks on a white background.

Color Contrast Check

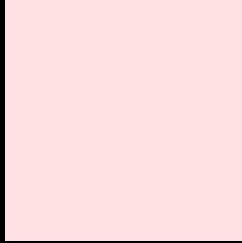
Large Text (above 18pt) WCAG AA × Fail

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 92, 10.984, 14.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

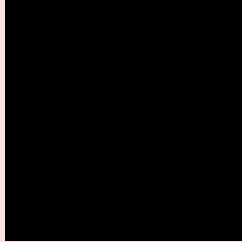
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

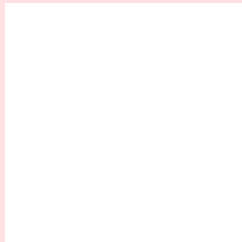
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.984, 14.770

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.984, 14.770.

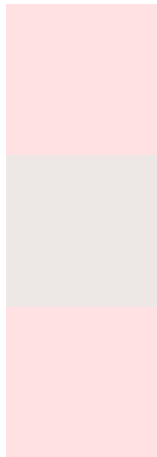


This preview shows how white text looks on a background with the CIELCh color 92, 10.984, 14.770.

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

92, 10.984, 14.770

Protanopia

92, 2.202, 32.805

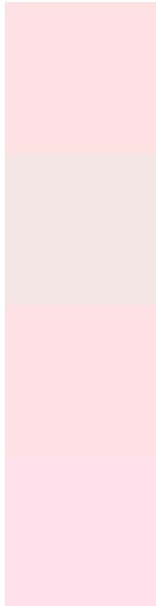
Deuteranopia

92, 10.984, 14.770



Tritanopia
92, 13.838, 343.782

Trichromacy



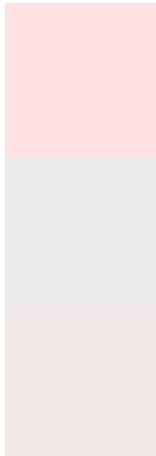
Original Color
92, 10.984, 14.770

Protanomaly
92, 5.408, 19.668

Deuteranomaly
92, 10.984, 14.770

Tritanomaly
92, 12.530, 353.397

Monochromacy



Original Color
92, 10.984, 14.770

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.947, 19.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.984, 14.770 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, 225, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 227)  
}
```

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, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.984, 14.770 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, 225, 227) }
```

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

```
.border{ border-color:rgb(255, 225, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.984, 14.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 227) }
```

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

```
.background{ background-color: rgb(255,  
225, 227) }
```

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