

Converting Colors

CIELCh(91, 9.090, 19.940)

Have a look what the booklet for
CIELCh(91, 9.090, 19.940) contains.

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Color

CIELCh(91, 8.749, 19.956)

Conversions

Conversions Part 1

Format	Color
Hex	F8E0E0
RGB	248, 224, 224
RGB Percent	97%, 88%, 88%
CMY	0.0283, 0.1224, 0.1224
CMYK	0.00, 0.10, 0.10, 0.03
HSL	0°, 62%, 92%
HSV	0°, 10%, 97%
XYZ	78.6579, 78.4833, 81.3723
YIQ	231.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

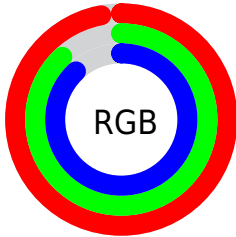
Format	Color
RYB	248, 224, 224
Decimal	16310496
CIELab	91.00, 8.22, 2.99
CIELCh	91, 8.749, 19.956
Yxy	78.4833, 0.3298, 0.3291
Android (android.graphics.Color)	4294500576 (0xFFFF8E0E0)
YUV	231.1760, -3.5378, 14.7546
Hunter-Lab	88.5908, 3.4525, 7.5546

Details

The CIELCh color **91, 8.749, 19.956** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 8.225, 198.968**, 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, 8.479, 20.090** is the 20% darker color. If you saturate the color by 10%, you get **84, 18.500, 20.832**, and if you desaturate by 10%, it is **98, 0.273, 201.783**.

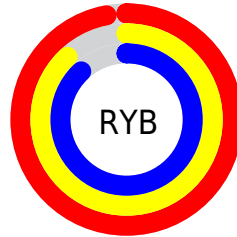
Distribution



Red (97%)

Green (88%)

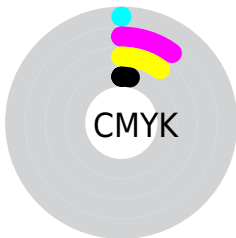
Blue (88%)



Red (97%)

Yellow (88%)

Blue (88%)

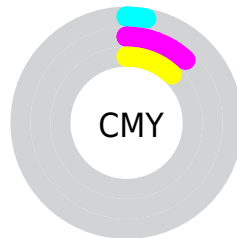


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (3%)



Cyan (3%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.749, 19.956 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, 8.749, 19.956 by changing the saturation by 10% instead.



91, 8.749, 19.956

91, 8.749, 19.956

84, 18.500, 20.832

98, 0.273, 201.783

78, 28.994, 21.916

99, 2.501, 199.512

72, 40.172, 23.328

67, 51.883, 25.176

62, 63.858, 27.574

58, 75.705, 30.590

55, 86.863, 34.116

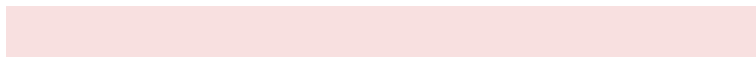
53, 96.258, 37.583

52, 102.155,
39.933

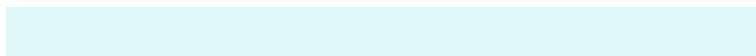
Harmonies

Complementary

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



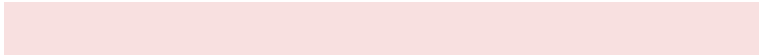
91, 8.749, 19.956



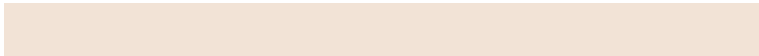
96, 8.225, 198.968

Rectangle

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



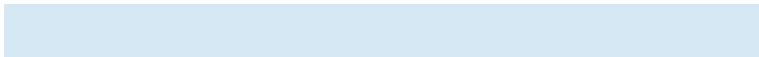
91, 8.749, 19.956



91, 8.749, 69.956



91, 8.749, 199.956



91, 8.749, 249.956

Sweetspot

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



91, 8.747, 19.970



98, 2.702, 19.357



92, 15.073, 324.956



52, 2.054, 19.458



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, 8.747, 19.970



92, 11.198, 20.159



94, 7.533, 74.175



49, 5.166, 19.956



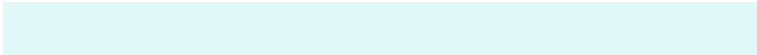
39, 83.389, 40.002



9, 32.192, 26.148

Inverse Universe

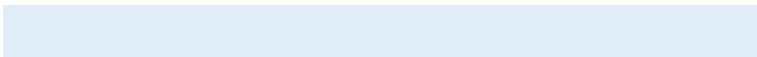
The Inverse Universe completely reimagines the original color for something new.



96, 8.225, 198.968



98, 10.367, 198.830



93, 7.363, 256.750



51, 4.863, 198.979



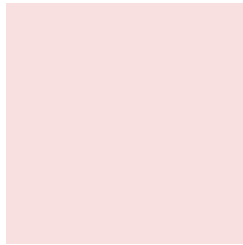
69, 39.953, 196.413



23, 18.077, 196.410

Previews

White Background



This preview shows how the CIELCh color 91, 8.749, 19.956 looks on a white background.

Color Contrast Check

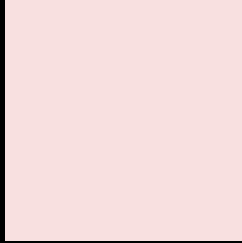
Large Text (above 18pt) WCAG AA × Fail

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, 8.749, 19.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

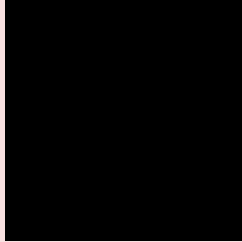
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

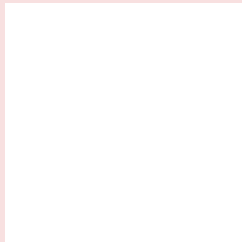
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.749, 19.956

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.749, 19.956.

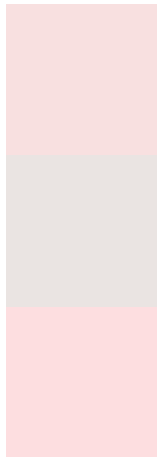


This preview shows how white text looks on a background with the CIELCh color 91, 8.749, 19.956.

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, 8.749, 19.956

Protanopia

91, 2.379, 45.018

Deuteranopia

91, 11.384, 14.988



Tritanopia
91, 13.955, 338.523

Trichromacy



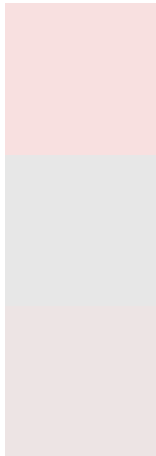
Original Color
91, 8.749, 19.956

Protanomaly
91, 4.724, 25.877

Deuteranomaly
91, 10.241, 17.199

Tritanomaly
91, 11.276, 349.913

Monochromacy



Original Color
91, 8.749, 19.956

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 3.233, 19.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.749, 19.956 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(248, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 224)  
}
```

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(248, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.749, 19.956 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(248, 224, 224) }
```

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

```
.border{ border-color:rgb(248, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(248, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.749, 19.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 224) }
```

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

```
.background{ background-color: rgb(248,  
224, 224) }
```

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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