

Converting Colors

CIELCh(96, 19.170, 49.736)

Have a look what the booklet for
CIELCh(96, 19.170, 49.736) contains.

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Color

CIELCh(94, 12.090, 69.305)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAD8
RGB	255, 234, 216
RGB Percent	100%, 92%, 85%
CMY	0.0000, 0.0813, 0.1520
CMYK	0.00, 0.08, 0.15, 0.00
HSL	28°, 100%, 92%
HSV	28°, 15%, 100%
XYZ	83.2588, 85.2715, 77.2067
YIQ	238.2270, 18.2940, -1.1460

Conversions

Conversions Part 2

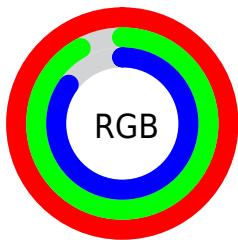
Format	Color
R _Y B	255, 249, 216
Decimal	16771800
CIE Lab	94.00, 4.27, 11.31
CIE LCh	94, 12.090, 69.305
Yxy	85.2715, 0.3388, 0.3470
Android (android.graphics.Color)	4294961880 (0xFFFEAD8)
YUV	238.2270, -10.9579, 14.7099
Hunter-Lab	92.3426, -0.6586, 15.0680

Details

The CIELCh color **94, 12.090, 69.305** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 11.463, 253.581**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 12.120, 68.712** is the 20% darker color. If you saturate the color by 10%, you get **90, 20.487, 68.499**, and if you desaturate by 10%, it is **98, 4.002, 70.782**.

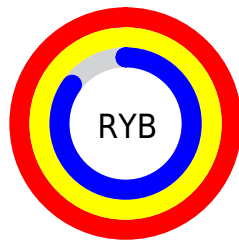
Distribution



Red (100%)

Green (92%)

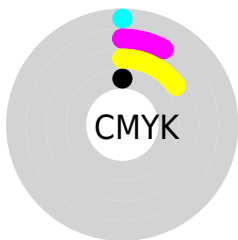
Blue (85%)



Red (100%)

Yellow (98%)

Blue (85%)

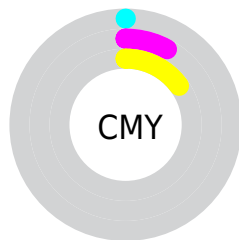


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.090, 69.305 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 94, 12.090, 69.305 by changing the saturation by 10% instead.

 94, 12.090, 69.305

 94, 12.090, 69.305

 100, 12.090,
69.305

 84, 12.090, 69.305

 74, 12.090, 69.305

 64, 12.090, 69.305

 54, 12.090, 69.305

 44, 12.090, 69.305

 34, 12.090, 69.305

 24, 12.090, 69.305

 14, 12.090, 69.305

 4, 12.090, 69.305

94, 12.090, 69.305

94, 12.090, 69.305

90, 20.487, 68.499

98, 4.002, 70.782

86, 29.410, 67.313

100, 0.012,
296.813

83, 38.797, 66.130

79, 48.598, 64.945

76, 58.652, 63.726

72, 68.579, 62.381

69, 77.609, 60.706

66, 84.491, 58.328

65, 87.024, 56.975

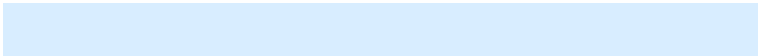
Harmonies

Complementary

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



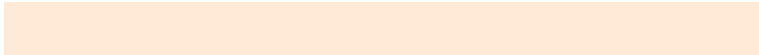
94, 12.090, 69.305



93, 11.463, 253.581

Rectangle

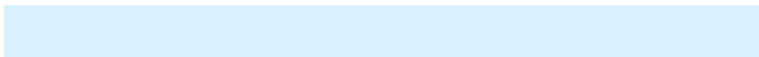
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.090, 69.305



94, 12.090, 119.305



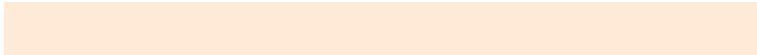
94, 12.090, 249.305



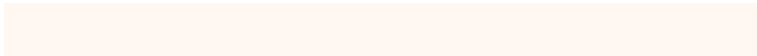
94, 12.090, 299.305

Sweetspot

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



94, 12.027, 69.676



98, 3.849, 70.801



90, 17.748, 342.281



52, 2.631, 70.733



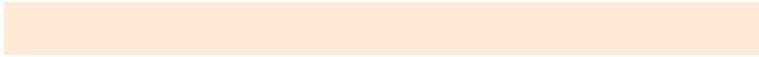
0, 0.000, 0.000



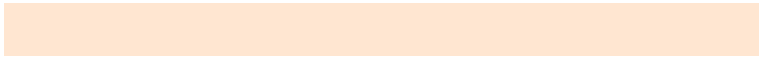
53, 0.007, 296.813

Same Dimension

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



94, 12.027, 69.676



93, 14.354, 69.348



99, 18.645, 106.558



51, 4.432, 70.327



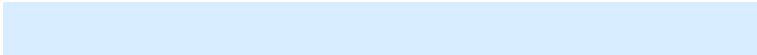
50, 69.779, 57.685



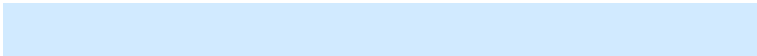
15, 27.082, 58.342

Inverse Universe

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



93, 11.463, 253.581



91, 13.545, 254.014



88, 19.241, 289.829



51, 4.310, 252.780



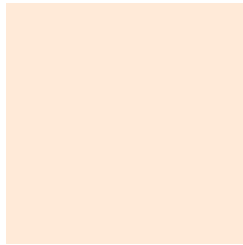
43, 54.290, 280.511



13, 22.274, 273.690

Previews

White Background



This preview shows how the CIE LCh color 94, 12.090, 69.305 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 CIELCh color 94, 12.090, 69.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

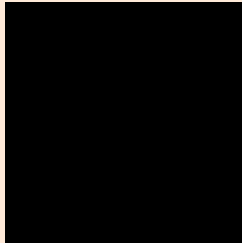
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 12.090, 69.305

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.090, 69.305.

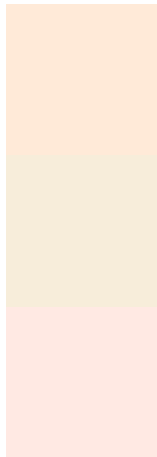


This preview shows how white text looks on a background with the CIELCh color 94, 12.090, 69.305.

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

94, 12.090, 69.305

Protanopia

94, 10.398, 88.686

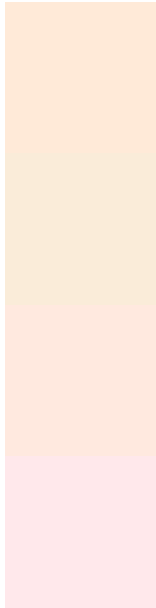
Deuteranopia

94, 8.586, 40.797



Tritanopia
94, 11.519, 338.149

Trichromacy



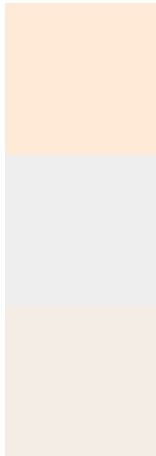
Original Color
94, 12.090, 69.305

Protanomaly
94, 11.020, 81.427

Deuteranomaly
94, 9.564, 52.166

Tritanomaly
94, 8.429, 9.416

Monochromacy



Original Color
94, 12.090, 69.305

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.365, 74.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.090, 69.305 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, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 216)  
}
```

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, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.090, 69.305 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, 234, 216) }
```

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

```
.border{ border-color:rgb(255, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.090, 69.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 216) }
```

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

```
.background{ background-color: rgb(255,  
234, 216) }
```

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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