

Converting Colors

CIE LCh(96, 19.012, 18.250)

Have a look what the booklet for
CIELCh(96, 19.012, 18.250) contains.

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Color

CIELCh(94, 8.731, 13.206)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8EA
RGB	255, 232, 234
RGB Percent	100%, 91%, 92%
CMY	0.0000, 0.0894, 0.0816
CMYK	0.00, 0.09, 0.08, 0.00
HSL	355°, 100%, 96%
HSV	355°, 9%, 100%
XYZ	85.4856, 85.2715, 89.9475
YIQ	239.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

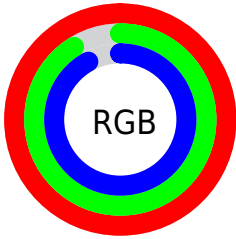
Format	Color
R _Y B	255, 232, 234
Decimal	16771306
CIE Lab	94.00, 8.50, 1.99
CIE LCh	94, 8.731, 13.206
Yxy	85.2715, 0.3279, 0.3271
Android (android.graphics.Color)	4294961386 (0xFFFFE8EA)
YUV	239.1050, -2.5168, 13.9399
Hunter-Lab	92.3426, 3.6458, 6.8876

Details

The CIELCh color **94, 8.731, 13.206** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 7.898, 191.566**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.447, 12.751** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.153, 13.849**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

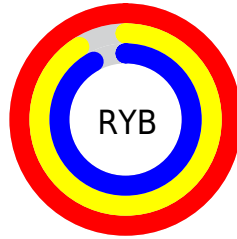
Distribution



Red (100%)

Green (91%)

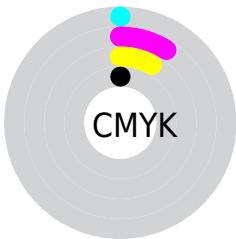
Blue (92%)



Red (100%)

Yellow (91%)

Blue (92%)

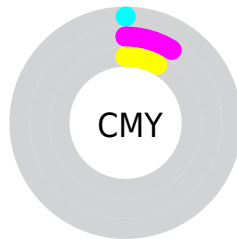


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (0%)



Cyan (0%)













Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.731, 13.206 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, 8.731, 13.206 by changing the saturation by 10% instead.

 94, 8.731, 13.206	 94, 8.731, 13.206
 100, 8.731, 13.206	 84, 8.731, 13.206
	 74, 8.731, 13.206
	 64, 8.731, 13.206
	 54, 8.731, 13.206
	 44, 8.731, 13.206
	 34, 8.731, 13.206
	 24, 8.731, 13.206
	 14, 8.731, 13.206
	 4, 8.731, 13.206

94, 8.731, 13.206

94, 8.731, 13.206

87, 18.153, 13.849

100, 0.012,
296.813

81, 28.640, 15.089

75, 39.654, 16.641

69, 51.004, 18.615

64, 62.393, 21.143

60, 73.438, 24.349

56, 83.743, 28.281

54, 92.905, 32.729

53, 100.227,
36.918

Harmonies

Complementary

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



94, 8.731, 13.206



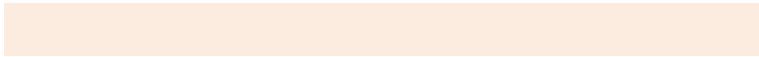
98, 7.898, 191.566

Rectangle

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



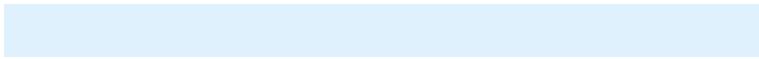
94, 8.731, 13.206



94, 8.731, 63.206



94, 8.731, 193.206



94, 8.731, 243.206

Sweetspot

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



94, 8.284, 12.818



98, 2.726, 12.159



94, 13.805, 322.131



52, 2.072, 12.273



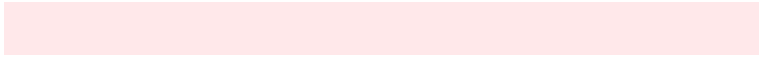
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

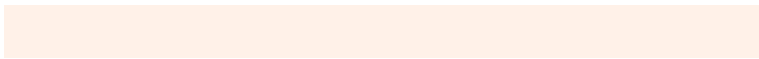
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.284, 12.818



93, 10.266, 13.021



96, 6.774, 62.901



50, 5.279, 12.873



40, 80.555, 36.560



10, 32.687, 23.629

Inverse Universe

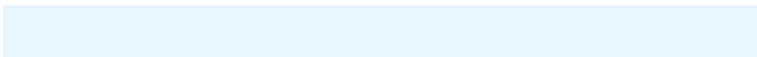
The Inverse Universe completely reimagines the original color for something new.



94, 8.284, 12.818



93, 10.266, 13.021



96, 6.538, 244.976



50, 5.279, 12.873



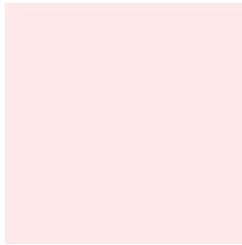
40, 80.555, 36.560



10, 32.687, 23.629

Previews

White Background



This preview shows how the CIELCh color 94, 8.731, 13.206 looks on a white background.

Color Contrast Check

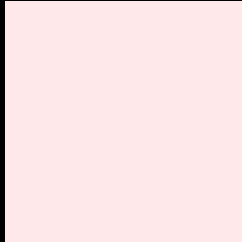
Large Text (above 18pt) WCAG AA × Fail

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 94, 8.731, 13.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

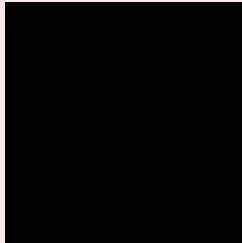
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

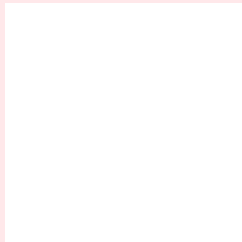
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.731, 13.206

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.731, 13.206.

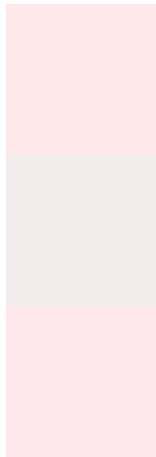


This preview shows how white text looks on a background with the CIELCh color 94, 8.731, 13.206.

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, 8.360, 12.877

Protanopia

94, 2.202, 5.772

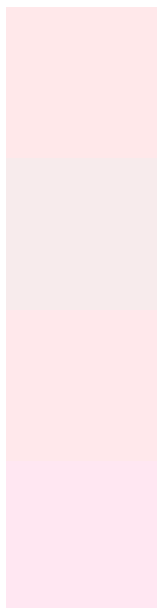
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 11.865, 336.301

Trichromacy



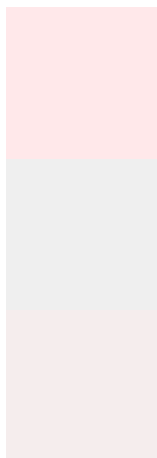
Original Color
94, 8.360, 12.877

Protanomaly
94, 4.324, 12.744

Deuteranomaly
94, 8.429, 9.416

Tritanomaly
94, 10.279, 346.735

Monochromacy



Original Color
94, 8.360, 12.877

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.850, 19.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.731, 13.206 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, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 234)  
}
```

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, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.731, 13.206 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, 232, 234) }
```

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

```
.border{ border-color:rgb(255, 232, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.731, 13.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 234) }
```

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

```
.background{ background-color: rgb(255,  
232, 234) }
```

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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