

Converting Colors

CIELCh(94, 7.089, 13.845)

Have a look what the booklet for
CIELCh(94, 7.089, 13.845) contains.

CIELCh(94, 7.269, 11.721)	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(94, 7.269, 11.721)

Conversions

Conversions Part 1

Format	Color
Hex	FDE9EB
RGB	253, 233, 235
RGB Percent	99%, 91%, 92%
CMY	0.0073, 0.0857, 0.0779
CMYK	0.00, 0.08, 0.07, 0.01
HSL	354°, 84%, 95%
HSV	354°, 8%, 99%
XYZ	84.7530, 85.2715, 90.6943
YIQ	239.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

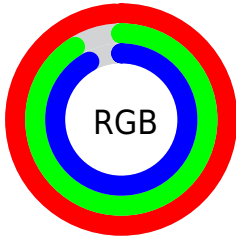
Format	Color
R _Y B	253, 233, 235
Decimal	16640491
CIE Lab	94.00, 7.12, 1.48
CIE LCh	94, 7.269, 11.721
Yxy	85.2715, 0.3251, 0.3271
Android (android.graphics.Color)	4294830571 (0xFFFDE9EB)
YUV	239.2080, -2.0745, 12.0956
Hunter-Lab	92.3426, 2.2297, 6.4081

Details

The CIELCh color **94, 7.269, 11.721** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.975, 190.643**, 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, 7.291, 11.466** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.017, 12.773**, and if you desaturate by 10%, it is **100, 0.646, 200.391**.

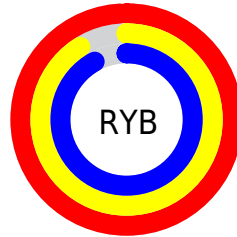
Distribution



Red (99%)

Green (91%)

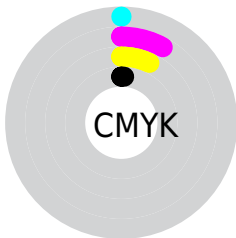
Blue (92%)



Red (99%)

Yellow (91%)

Blue (92%)

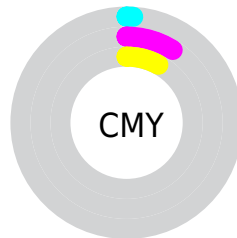


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (1%)



Cyan (1%)













Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.269, 11.721 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, 7.269, 11.721 by changing the saturation by 10% instead.

 94, 7.269, 11.721	 94, 7.269, 11.721
 100, 7.269, 11.721	 84, 7.269, 11.721
	 74, 7.269, 11.721
	 64, 7.269, 11.721
	 54, 7.269, 11.721
	 44, 7.269, 11.721
	 34, 7.269, 11.721
	 24, 7.269, 11.721
	 14, 7.269, 11.721
	 4, 7.269, 11.721

94, 7.269, 11.721

94, 7.269, 11.721

87, 17.017, 12.773

100, 0.646,
200.391

81, 27.367, 14.002

75, 38.229, 15.531

69, 49.422, 17.466

64, 60.652, 19.938

60, 71.544, 23.081

56, 81.708, 26.967

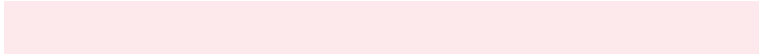
54, 90.796, 31.457

53, 98.284, 35.931

Harmonies

Complementary

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



94, 7.269, 11.721



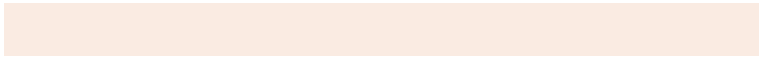
98, 6.975, 190.643

Rectangle

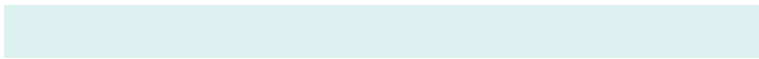
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



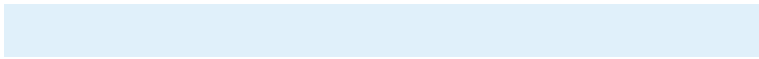
94, 7.269, 11.721



94, 7.269, 61.721



94, 7.269, 191.721



94, 7.269, 241.721

Sweetspot

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



94, 7.267, 11.736



99, 1.816, 10.972



94, 12.120, 322.078



53, 1.032, 10.945



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

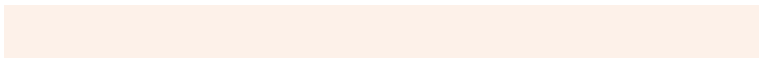
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 7.267, 11.736



94, 8.359, 11.847



96, 5.932, 62.997



50, 5.289, 11.897



40, 79.986, 35.964



10, 32.603, 23.124

Inverse Universe

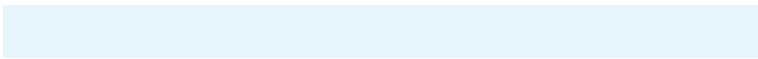
The Inverse Universe completely reimagines the original color for something new.



94, 7.267, 11.736



94, 8.359, 11.847



96, 5.753, 244.861



50, 5.289, 11.897



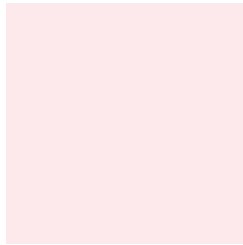
40, 79.986, 35.964



10, 32.603, 23.124

Previews

White Background



This preview shows how the CIELCh color 94, 7.269, 11.721 looks on a white background.

Color Contrast Check

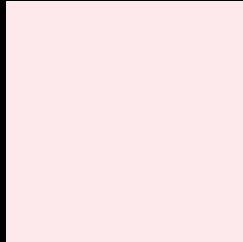
Large Text (above 18pt) WCAG AA × Fail

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, 7.269, 11.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

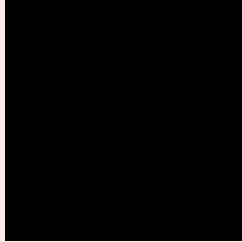
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

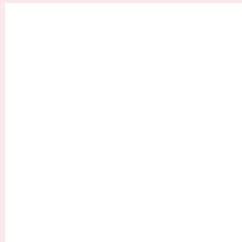
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.269, 11.721

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.269, 11.721.

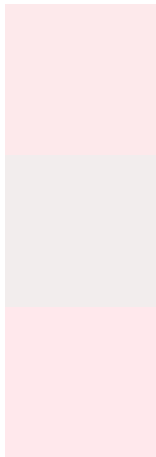


This preview shows how white text looks on a background with the CIELCh color 94, 7.269, 11.721.

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, 7.269, 11.721

Protanopia

94, 1.777, 19.173

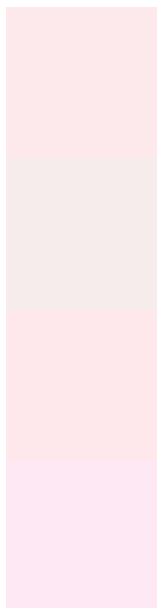
Deuteranopia

94, 8.528, 6.024



Tritanopia
94, 12.592, 332.927

Trichromacy



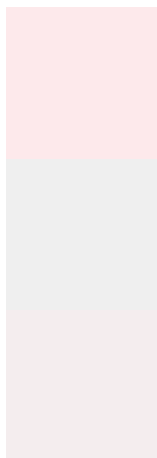
Original Color
94, 7.269, 11.721

Protanomaly
94, 3.571, 19.472

Deuteranomaly
94, 8.176, 5.378

Tritanomaly
94, 9.987, 341.932

Monochromacy



Original Color
94, 7.269, 11.721

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.548, 7.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.269, 11.721 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, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 235)  
}
```

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, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.269, 11.721 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, 233, 235) }
```

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

```
.border{ border-color:rgb(253, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.269, 11.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 235) }
```

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

```
.background{ background-color: rgb(253,  
233, 235) }
```

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