

Converting Colors

CIELCh(98, 23.873, 31.245)

Have a look what the booklet for
CIELCh(98, 23.873, 31.245) contains.

CIELCh(94, 8.631, 51.981)	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, 8.631, 51.981)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAE1
RGB	254, 234, 225
RGB Percent	100%, 92%, 88%
CMY	0.0044, 0.0827, 0.1180
CMYK	0.00, 0.08, 0.11, 0.00
HSL	19°, 93%, 94%
HSV	19°, 11%, 100%
XYZ	83.8048, 85.2715, 83.2137
YIQ	238.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

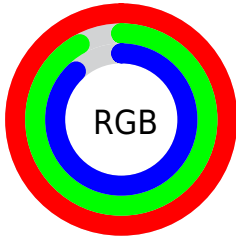
Format	Color
R _Y B	254, 238, 225
Decimal	16706273
CIE Lab	94.00, 5.32, 6.80
CIE LCh	94, 8.631, 51.981
Yxy	85.2715, 0.3322, 0.3380
Android (android.graphics.Color)	4294896353 (0xFFFEAE1)
YUV	238.9540, -6.8793, 13.1953
Hunter-Lab	92.3426, 0.3968, 11.2111

Details

The CIELCh color **94, 8.631, 51.981** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.116, 233.877**, 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, 8.524, 50.192** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.822, 51.393**, and if you desaturate by 10%, it is **99, 1.025, 52.181**.

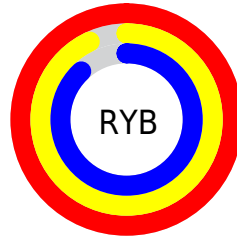
Distribution



Red (100%)

Green (92%)

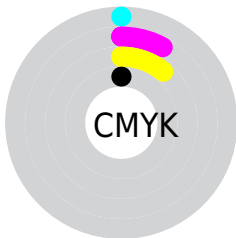
Blue (88%)



Red (100%)

Yellow (93%)

Blue (88%)

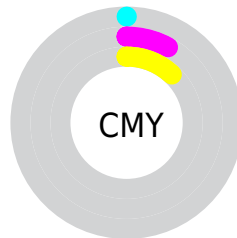


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (0%)



Cyan (0%)

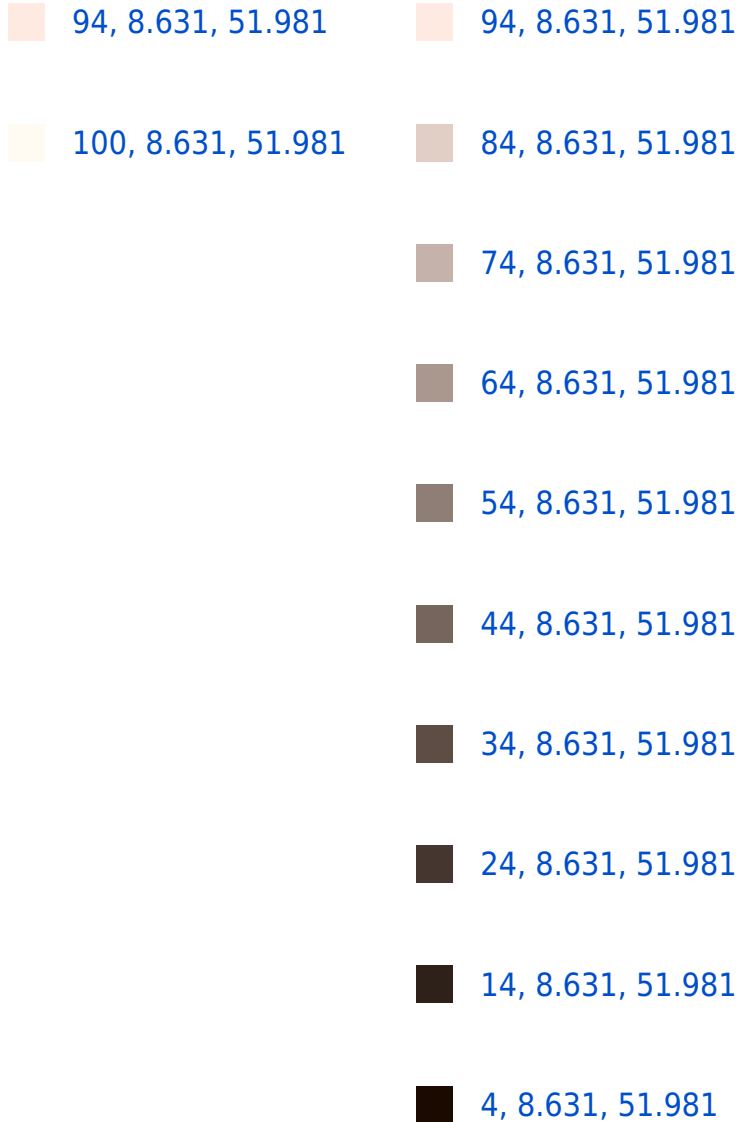
Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.631, 51.981 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, 8.631, 51.981 by changing the saturation by 10% instead.



94, 8.631, 51.981

94, 8.631, 51.981

89, 16.822, 51.393

99, 1.025, 52.181

84, 25.653, 50.840

100, 0.387,
201.092

80, 35.164, 50.377

75, 45.359, 50.024

71, 56.166, 49.782

67, 67.362, 49.603

64, 78.403, 49.328

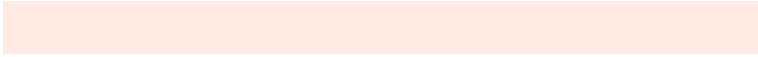
61, 88.113, 48.570

59, 94.385, 47.285

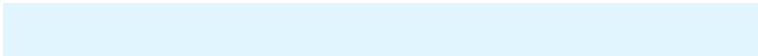
Harmonies

Complementary

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



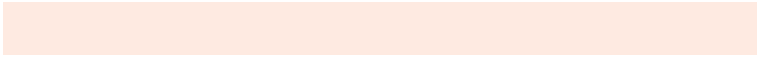
94, 8.631, 51.981



95, 8.116, 233.877

Rectangle

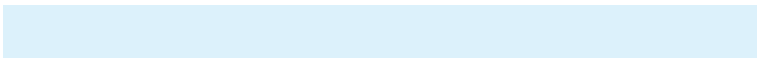
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.631, 51.981



94, 8.631, 101.981



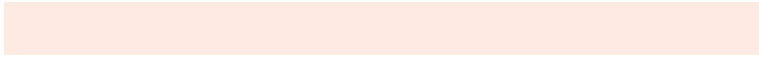
94, 8.631, 231.981



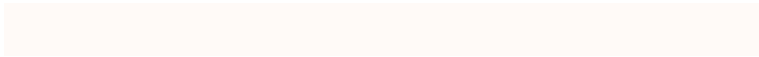
94, 8.631, 281.981

Sweetspot

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



94, 8.631, 52.000



99, 2.204, 52.379



92, 14.701, 335.050



52, 1.677, 52.380



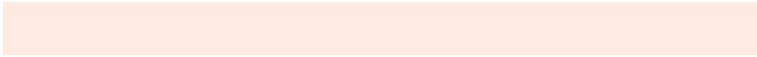
0, 0.000, 0.000



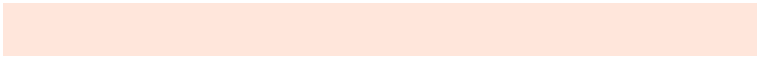
53, 0.007, 296.813

Same Dimension

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



94, 8.631, 52.000



93, 10.731, 51.841



97, 11.962, 99.079



51, 4.285, 52.114



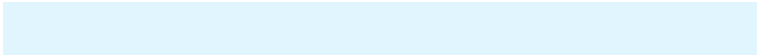
45, 75.791, 47.860



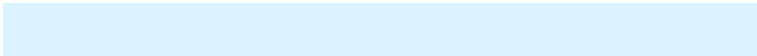
13, 28.420, 44.626

Inverse Universe

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



95, 8.116, 233.877



95, 9.937, 234.116



92, 12.122, 281.818



51, 4.074, 233.715



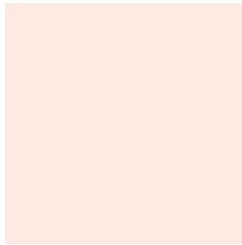
52, 40.168, 258.189



16, 17.459, 251.081

Previews

White Background



This preview shows how the CIELCh color 94, 8.631, 51.981 looks on a white background.

Color Contrast Check

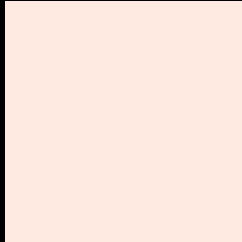
Large Text (above 18pt) WCAG AA × Fail

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, 8.631, 51.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

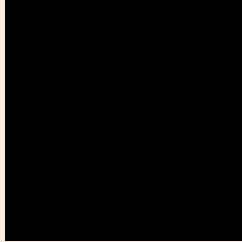
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

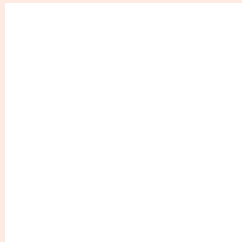
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.631, 51.981

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.631, 51.981.

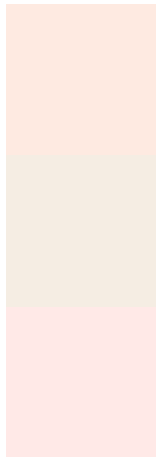


This preview shows how white text looks on a background with the CIELCh color 94, 8.631, 51.981.

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, 8.639, 51.979

Protanopia

94, 5.869, 80.194

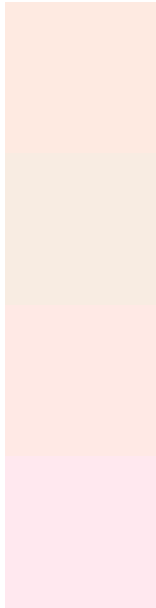
Deuteranopia

94, 8.032, 27.185



Tritanopia
94, 11.865, 336.301

Trichromacy



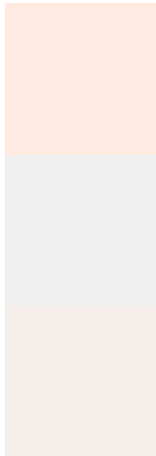
Original Color
94, 8.639, 51.979

Protanomaly
94, 6.713, 69.245

Deuteranomaly
94, 8.250, 34.222

Tritanomaly
94, 8.999, 356.460

Monochromacy



Original Color
94, 8.639, 51.979

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.922, 51.086

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.631, 51.981 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(254, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 225)  
}
```

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(254, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.631, 51.981 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(254, 234, 225) }
```

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

```
.border{ border-color:rgb(254, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.631, 51.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 225) }
```

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

```
.background{ background-color: rgb(254,  
234, 225) }
```

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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