

Converting Colors

CIELCh(94, 11.221, 20.839)

Have a look what the booklet for
CIELCh(94, 11.221, 20.839) contains.

CIELCh(94, 8.722, 23.298)	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, 8.722, 23.298)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E7
RGB	255, 232, 231
RGB Percent	100%, 91%, 91%
CMY	0.0000, 0.0886, 0.0925
CMYK	0.00, 0.09, 0.09, 0.00
HSL	3°, 100%, 95%
HSV	3°, 9%, 100%
XYZ	85.2259, 85.2715, 87.8714
YIQ	238.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

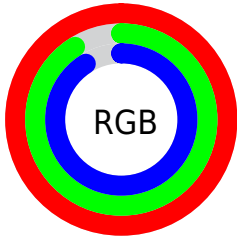
Format	Color
R _Y B	255, 232, 231
Decimal	16771303
CIE Lab	94.00, 8.01, 3.45
CIE LCh	94, 8.722, 23.298
Yxy	85.2715, 0.3299, 0.3300
Android (android.graphics.Color)	4294961383 (0xFFFFE8E7)
YUV	238.7630, -3.8272, 14.2398
Hunter-Lab	92.3426, 3.1437, 8.2206

Details

The CIELCh color `94, 8.722, 23.298` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 7.715, 202.831`, 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, 8.444, 23.707` is the 20% darker color. If you saturate the color by 10%, you get `87, 17.755, 24.187`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

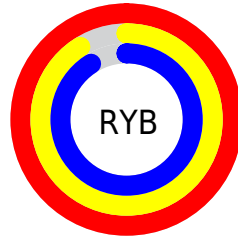
Distribution



Red (100%)

Green (91%)

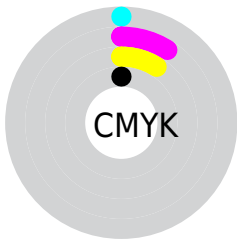
Blue (91%)



Red (100%)

Yellow (91%)

Blue (91%)

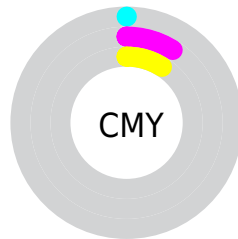


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.722, 23.298 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, 8.722, 23.298 by changing the saturation by 10% instead.

 94, 8.722, 23.298	 94, 8.722, 23.298
 100, 8.722, 23.298	 84, 8.722, 23.298
	 74, 8.722, 23.298
	 64, 8.722, 23.298
	 54, 8.722, 23.298
	 44, 8.722, 23.298
	 34, 8.722, 23.298
	 24, 8.722, 23.298
	 14, 8.722, 23.298
	 4, 8.722, 23.298

94, 8.722, 23.298

94, 8.722, 23.298

87, 17.755, 24.187

100, 0.012,
296.813

81, 28.084, 25.073

75, 39.154, 26.246

70, 50.862, 27.798

65, 62.997, 29.820

60, 75.216, 32.364

57, 86.962, 35.334

55, 97.121, 38.239

54, 103.674,
40.150

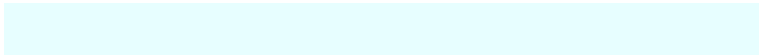
Harmonies

Complementary

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



94, 8.722, 23.298



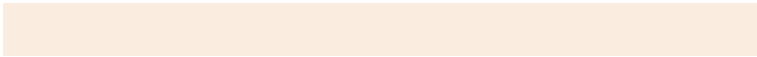
98, 7.715, 202.831

Rectangle

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



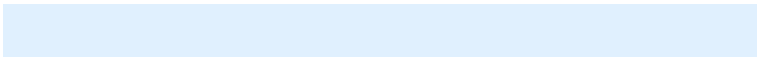
94, 8.722, 23.298



94, 8.722, 73.298



94, 8.722, 203.298



94, 8.722, 253.298

Sweetspot

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



94, 8.190, 23.493



98, 2.590, 22.999



94, 14.405, 325.839



52, 1.969, 23.091



0, 0.000, 0.000



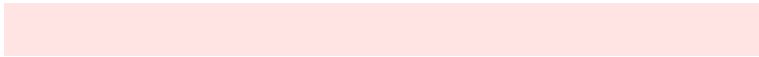
53, 0.007, 296.813

Same Dimension

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



94, 8.190, 23.493



93, 9.809, 23.607



97, 7.533, 77.723



50, 5.039, 23.510



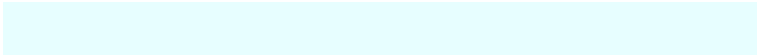
40, 83.644, 40.430



10, 32.510, 29.259

Inverse Universe

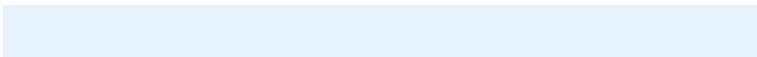
The Inverse Universe completely reimagines the original color for something new.



98, 7.715, 202.831



98, 9.130, 202.753



95, 7.407, 260.234



52, 4.738, 202.820



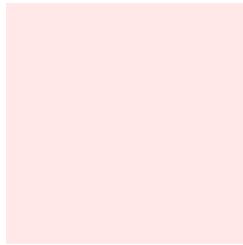
68, 38.100, 203.405



23, 17.641, 202.513

Previews

White Background



This preview shows how the CIELCh color 94, 8.722, 23.298 looks on a white background.

Color Contrast Check

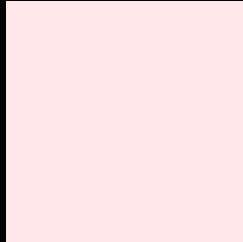
Large Text (above 18pt) WCAG AA × Fail

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, 8.722, 23.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

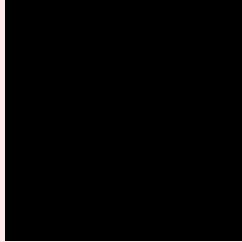
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

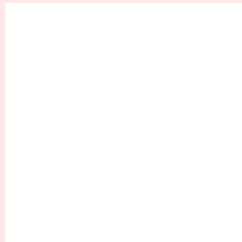
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.722, 23.298

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.722, 23.298.

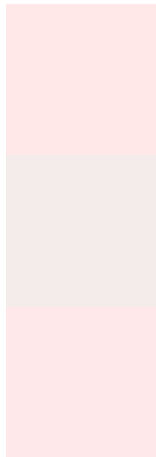


This preview shows how white text looks on a background with the CIELCh color 94, 8.722, 23.298.

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, 8.346, 23.417

Protanopia

94, 2.692, 41.739

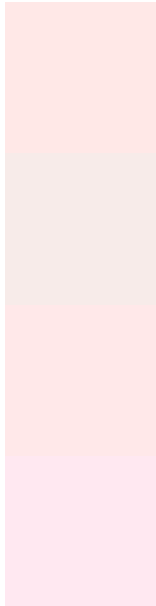
Deuteranopia

94, 8.360, 12.877



Tritanopia
94, 11.865, 336.301

Trichromacy



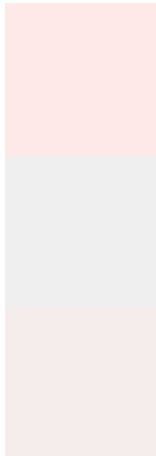
Original Color
94, 8.346, 23.417

Protanomaly
94, 4.420, 32.963

Deuteranomaly
94, 8.324, 16.382

Tritanomaly
94, 9.443, 350.728

Monochromacy



Original Color
94, 8.346, 23.417

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.894, 29.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.722, 23.298 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.722, 23.298 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, 231) }
```

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

```
.border{ border-color:rgb(255, 232, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.722, 23.298 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
232, 231) }
```

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