

Converting Colors

CIELCh(94, 8.657, 2.723)

Have a look what the booklet for
CIELCh(94, 8.657, 2.723) contains.

CIELCh(94, 8.657, 2.723)	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, 8.657, 2.723)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8ED
RGB	255, 232, 237
RGB Percent	100%, 91%, 93%
CMY	0.0000, 0.0893, 0.0697
CMYK	0.00, 0.09, 0.07, 0.00
HSL	347°, 100%, 96%
HSV	347°, 9%, 100%
XYZ	85.5638, 85.2715, 92.2435
YIQ	239.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

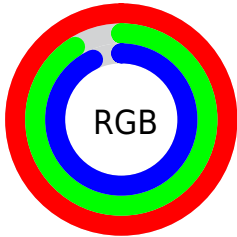
Format	Color
R _Y B	255, 232, 237
Decimal	16771309
CIE Lab	94.00, 8.65, 0.41
CIE LCh	94, 8.657, 2.723
Yxy	85.2715, 0.3252, 0.3241
Android (android.graphics.Color)	4294961389 (0xFFFFE8ED)
YUV	239.4470, -1.2064, 13.6400
Hunter-Lab	92.3426, 3.7970, 5.4134

Details

The CIELCh color **94, 8.657, 2.723** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 8.290, 181.040**, 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, 8.760, 2.199** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.632, 3.701**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

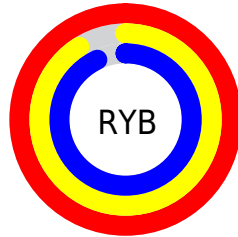
Distribution



Red (100%)

Green (91%)

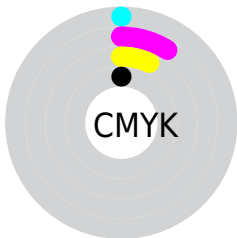
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

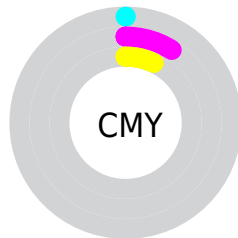


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)

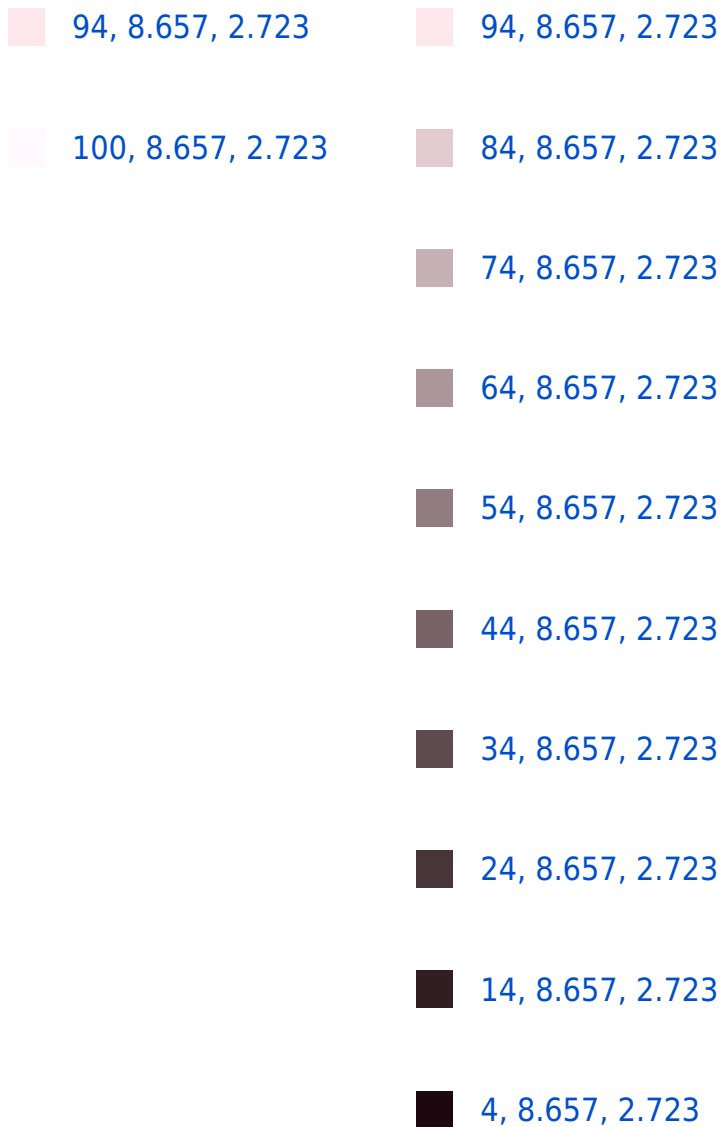
Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.657, 2.723 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, 8.657, 2.723 by changing the saturation by 10% instead.



94, 8.657, 2.723

94, 8.657, 2.723

87, 18.632, 3.701

100, 0.012,
296.813

81, 29.107, 5.027

75, 39.849, 6.628

69, 50.603, 8.609

64, 60.999, 11.102

60, 70.595, 14.268

57, 79.002, 18.260

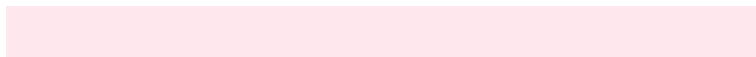
55, 86.069, 23.127

54, 92.052, 28.592

Harmonies

Complementary

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



94, 8.657, 2.723



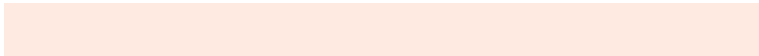
98, 8.290, 181.040

Rectangle

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



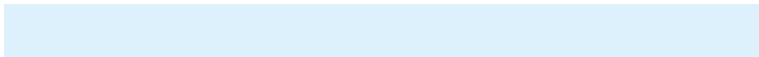
94, 8.657, 2.723



94, 8.657, 52.723



94, 8.657, 182.723



94, 8.657, 232.723

Sweetspot

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



94, 8.575, 2.560



98, 2.840, 1.842



94, 13.272, 318.175



52, 2.156, 1.962



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

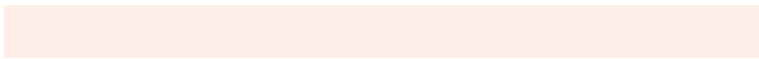
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.575, 2.560



93, 10.619, 2.788



95, 6.776, 46.904



50, 5.468, 2.623



40, 74.007, 28.104



10, 31.871, 17.725

Inverse Universe

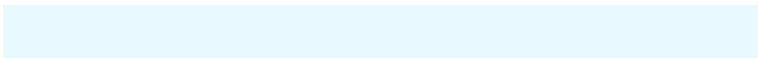
The Inverse Universe completely reimagines the original color for something new.



94, 8.575, 2.560



93, 10.619, 2.788



97, 6.437, 228.083



50, 5.468, 2.623



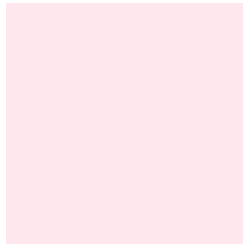
40, 74.007, 28.104



10, 31.871, 17.725

Previews

White Background



This preview shows how the CIELCh color 94, 8.657, 2.723 looks on a white background.

Color Contrast Check

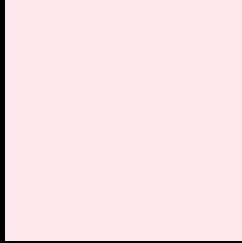
Large Text (above 18pt) WCAG AA × Fail

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, 8.657, 2.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

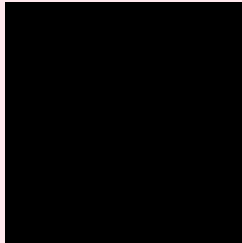
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

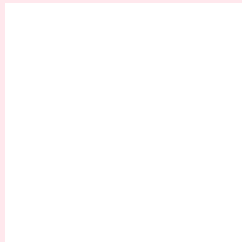
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.657, 2.723

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.657, 2.723.

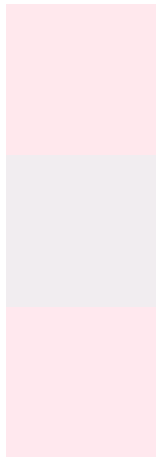


This preview shows how white text looks on a background with the CIELCh color 94, 8.657, 2.723.

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, 8.657, 2.723

Protanopia

94, 2.114, 332.271

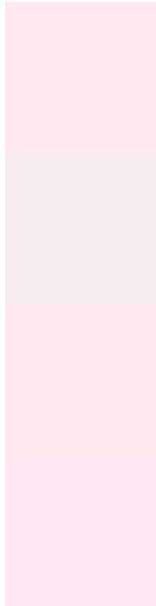
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 12.223, 334.562

Trichromacy



Original Color

94, 8.657, 2.723

Protanomaly

94, 4.440, 351.992

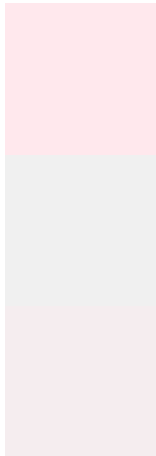
Deuteranomaly

94, 8.815, 359.530

Tritanomaly

94, 10.867, 342.193

Monochromacy



Original Color

94, 8.657, 2.723

Achromatopsia

95, 0.011, 296.813

Achromatomaly

94, 3.035, 359.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.657, 2.723 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.657, 2.723 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, 237) }
```

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

```
.border{ border-color:rgb(255, 232, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.657, 2.723 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, 237) }
```

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

```
.background{ background-color: rgb(255,  
232, 237) }
```

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