

Converting Colors

CIELCh(94, 6.660, 98.582)

Have a look what the booklet for
CIELCh(94, 6.660, 98.582) contains.

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Color

CIELCh(94, 6.743, 100.373)

Conversions

Conversions Part 1

Format	Color
Hex	F1EEE1
RGB	241, 238, 225
RGB Percent	95%, 93%, 88%
CMY	0.0550, 0.0667, 0.1177
CMYK	0.00, 0.01, 0.07, 0.05
HSL	49°, 36%, 91%
HSV	49°, 7%, 95%
XYZ	80.4270, 85.2715, 83.4416
YIQ	237.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

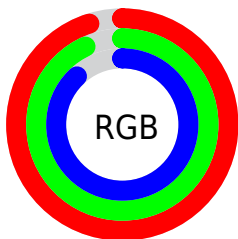
Format	Color
RYB	229, 241, 225
Decimal	15855329
CIELab	94.00, -1.21, 6.63
CIELCh	94, 6.743, 100.373
Yxy	85.2715, 0.3228, 0.3423
Android (android.graphics.Color)	4294045409 (0xFFFF1EEE1)
YUV	237.4150, -6.1206, 3.1440
Hunter-Lab	92.3426, -6.1326, 11.0648

Details

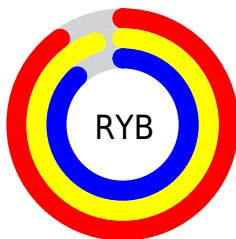
The CIELCh color **94, 6.743, 100.373** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 6.814, 281.959**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.561, 99.474** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.977, 99.252**, and if you desaturate by 10%, it is **96, 3.416, 281.581**.

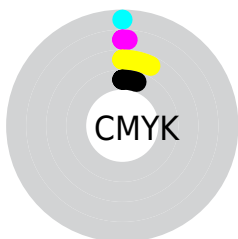
Distribution



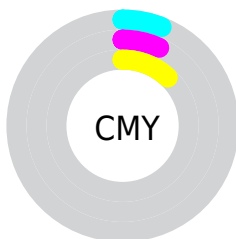
- Red (95%)
- Green (93%)
- Blue (88%)



- Red (90%)
- Yellow (95%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (5%)



- Cyan (6%)
- Magenta (7%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.743, 100.373 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, 6.743, 100.373 by changing the saturation by 10% instead.

 94, 6.743, 100.373

 94, 6.743, 100.373

 100, 6.743,
100.373

 84, 6.743, 100.373

 74, 6.743, 100.373

 64, 6.743, 100.373

 54, 6.743, 100.373

 44, 6.743, 100.373

 34, 6.743, 100.373

 24, 6.743, 100.373

 14, 6.743, 100.373

 4, 6.743, 100.373

94, 6.743, 100.373

94, 6.743, 100.373

92, 16.977, 99.252

96, 3.416, 281.581

91, 27.240, 98.072

97, 4.555, 263.395

89, 37.462, 96.866

98, 4.014, 225.608

88, 47.514, 95.643

99, 4.828, 199.236

86, 57.171, 94.411

85, 66.059, 93.171

84, 73.599, 91.914

82, 79.034, 90.610

81, 81.721, 89.199

Harmonies

Complementary

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



94, 6.743, 100.373



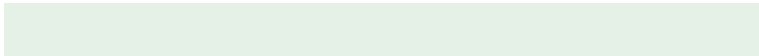
91, 6.814, 281.959

Rectangle

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



94, 6.743, 100.373



94, 6.743, 150.373



94, 6.743, 280.373



94, 6.743, 330.373

Sweetspot

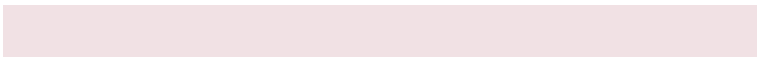
The Sweet Spot groups the original color and five complimentary colors.



94, 6.745, 100.390



100, 2.115, 100.852



91, 6.010, 3.767



53, 1.202, 100.858



0, 0.000, 0.000



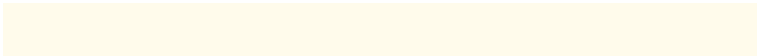
53, 0.007, 296.813

Same Dimension

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



94, 6.745, 100.390



99, 8.515, 100.237



94, 8.390, 121.430



49, 5.756, 100.074



63, 67.166, 88.982



19, 27.229, 91.275

Inverse Universe

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



91, 6.814, 281.959



94, 8.611, 282.126



90, 8.512, 302.185



47, 5.828, 282.307



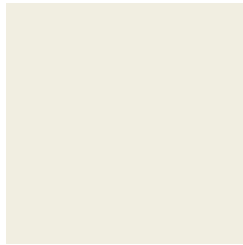
26, 92.652, 302.833



5, 32.928, 295.117

Previews

White Background



This preview shows how the CIELCh color 94, 6.743, 100.373 looks on a white background.

Color Contrast Check

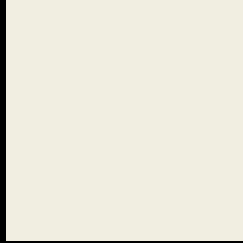
Large Text (above 18pt) WCAG AA × Fail

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, 6.743, 100.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

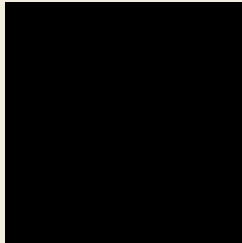
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

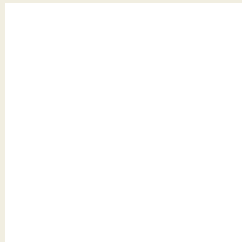
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.743, 100.373

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.743, 100.373.

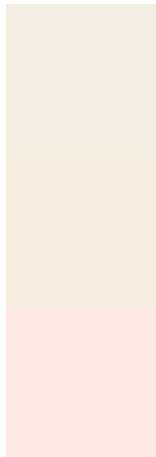


This preview shows how white text looks on a background with the CIELCh color 94, 6.743, 100.373.

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

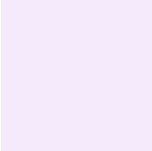
94, 6.743, 100.373

Protanopia

94, 7.256, 85.996

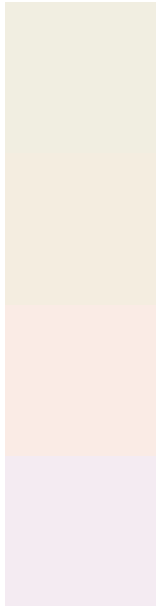
Deuteranopia

94, 8.032, 27.185



Tritanopia
94, 10.084, 313.134

Trichromacy



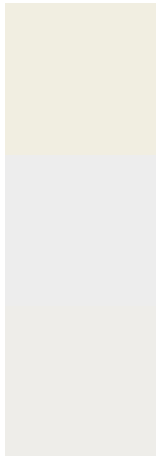
Original Color
94, 6.743, 100.373

Protanomaly
94, 7.119, 88.700

Deuteranomaly
94, 6.229, 49.195

Tritanomaly
94, 4.839, 331.475

Monochromacy



Original Color
94, 6.743, 100.373

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.073, 100.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.743, 100.373 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(241, 238, 225)` looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 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(241, 238, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.743, 100.373 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(241, 238, 225) }
```

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

```
.border{ border-color:rgb(241, 238, 225) }
```

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

Here you see how a box with a 4 pixel rgb(241, 238, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 238, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 238, 225);  
box-shadow:4px 4px 4px 4px rgb(241, 238,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.743, 100.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 225) }
```

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

```
.background{ background-color: rgb(241,  
238, 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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