

Converting Colors

CIELCh(94, 16.582, 90.079)

Have a look what the booklet for
CIELCh(94, 16.582, 90.079) contains.

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Color

CIELCh(94, 16.727, 90.593)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBEDCE |
| RGB | 251, 237, 206 |
| RGB Percent | 98%, 93%, 81% |
| CMY | 0.0170, 0.0718, 0.1934 |
| CMYK | 0.00, 0.06, 0.18, 0.02 |
| HSL | 41°, 84%, 89% |
| HSV | 41°, 18%, 98% |
| XYZ | 80.9593, 85.2715, 70.3840 |
| YIQ | 237.6520, 18.2950, -6.6730 |

Conversions

Conversions Part 2

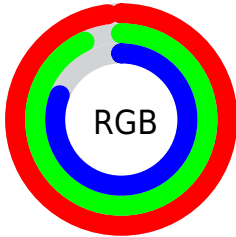
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 226, 251, 206 |
| Decimal | 16510414 |
| CIE Lab | 94.00, -0.17, 16.73 |
| CIE LCh | 94, 16.727, 90.593 |
| Yxy | 85.2715, 0.3422, 0.3604 |
| Android (android.graphics.Color) | 4294700494 (0xFFFBEDCE) |
| YUV | 237.6520, -15.6044, 11.7062 |
| Hunter-Lab | 92.3426, -5.1037, 19.4487 |

Details

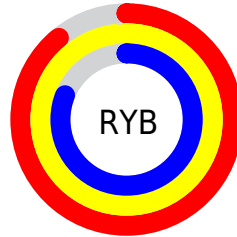
The CIELCh color **94, 16.727, 90.593** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 16.744, 275.390**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 16.463, 90.277** is the 20% darker color. If you saturate the color by 10%, you get **92, 26.284, 89.291**, and if you desaturate by 10%, it is **96, 7.332, 91.856**.

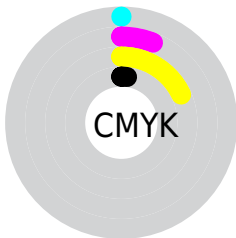
Distribution



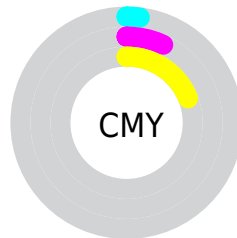
- Red (98%)
- Green (93%)
- Blue (81%)



- Red (89%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 16.727, 90.593 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, 16.727, 90.593 by changing the saturation by 10% instead.

 94, 16.727, 90.593

 94, 16.727, 90.593

 100, 16.727,
90.593

 84, 16.727, 90.593

 74, 16.727, 90.593

 64, 16.727, 90.593

 54, 16.727, 90.593

 44, 16.727, 90.593

 34, 16.727, 90.593

 24, 16.727, 90.593

 14, 16.727, 90.593

 4, 16.727, 90.593

94, 16.727, 90.593

94, 16.727, 90.593

92, 26.284, 89.291

96, 7.332, 91.856

89, 35.955, 87.937

99, 1.496, 268.507

87, 45.647, 86.543

100, 1.502,
199.751

85, 55.172, 85.100

83, 64.182, 83.582

80, 72.079, 81.929

78, 77.987, 80.022

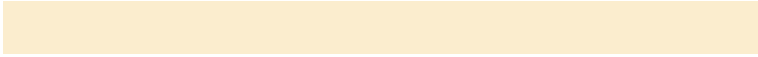
77, 81.114, 77.699

76, 81.584, 77.198

Harmonies

Complementary

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



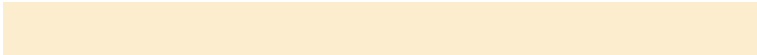
94, 16.727, 90.593



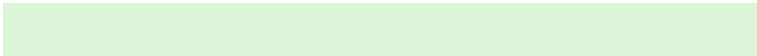
88, 16.744, 275.390

Rectangle

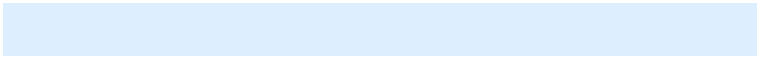
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 16.727, 90.593



94, 16.727, 140.593



94, 16.727, 270.593



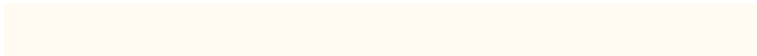
94, 16.727, 320.593

Sweetspot

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



94, 16.728, 90.602



99, 4.661, 92.200



87, 18.074, 356.606



53, 3.183, 92.120



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

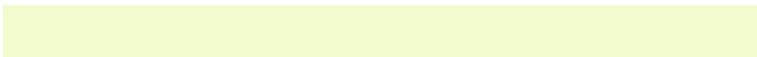
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 16.728, 90.602



94, 20.872, 90.073



97, 23.032, 116.079



51, 5.241, 91.667



59, 65.949, 77.708



19, 27.266, 80.483

Inverse Universe

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



88, 16.744, 275.390



86, 20.891, 276.059



85, 23.951, 298.773



49, 5.251, 274.139



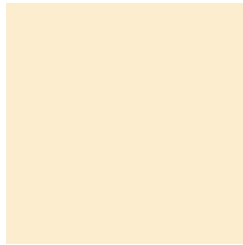
31, 80.877, 297.852



7, 31.632, 292.498

Previews

White Background



This preview shows how the CIELCh color 94, 16.727, 90.593 looks on a white background.

Color Contrast Check

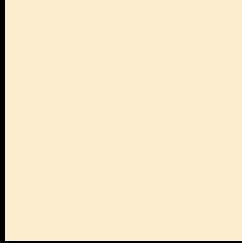
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 16.727, 90.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

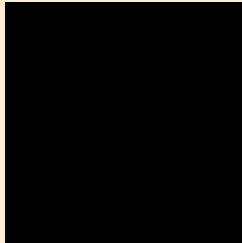
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

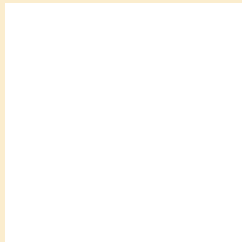
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 16.727, 90.593

Background



This preview shows how black text looks on a background with the CIELCh color 94, 16.727, 90.593.

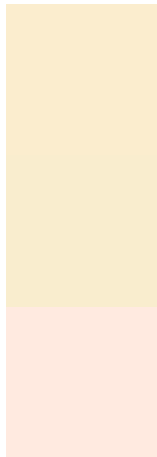


This preview shows how white text looks on a background with the CIELCh color 94, 16.727, 90.593.

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, 16.727, 90.593

Protanopia

94, 16.503, 93.087

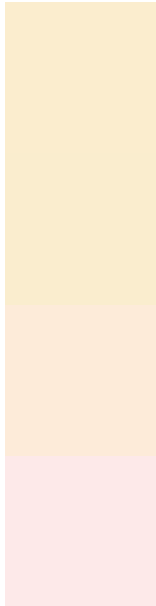
Deuteranopia

94, 9.242, 53.391



Tritanopia
94, 12.223, 334.562

Trichromacy



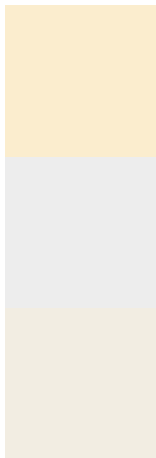
Original Color
94, 16.727, 90.593

Protanomaly
94, 16.611, 91.832

Deuteranomaly
94, 11.381, 73.625

Tritanomaly
94, 7.212, 19.815

Monochromacy



Original Color
94, 16.727, 90.593

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.910, 91.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 16.727, 90.593 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(251, 237, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 206)  
}
```

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(251, 237, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 16.727, 90.593 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(251, 237, 206) }
```

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

```
.border{ border-color:rgb(251, 237, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 16.727, 90.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 206) }
```

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

```
.background{ background-color: rgb(251,  
237, 206) }
```

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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