

Converting Colors

CIELCh(94, 12.697, 91.337)

Have a look what the booklet for
CIELCh(94, 12.697, 91.337) contains.

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Color

CIELCh(94, 12.951, 90.835)

Conversions

Conversions Part 1

Format	Color
Hex	F8EDD5
RGB	248, 237, 213
RGB Percent	97%, 93%, 84%
CMY	0.0277, 0.0708, 0.1650
CMYK	0.00, 0.04, 0.14, 0.03
HSL	41°, 71%, 90%
HSV	41°, 14%, 97%
XYZ	80.9513, 85.2715, 75.0967
YIQ	237.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

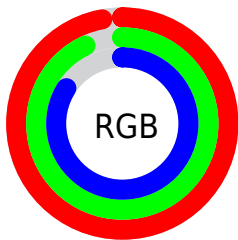
Format	Color
R _Y B	229, 248, 213
Decimal	16313813
CIE Lab	94.00, -0.19, 12.95
CIE LCh	94, 12.951, 90.835
Yxy	85.2715, 0.3355, 0.3534
Android (android.graphics.Color)	4294503893 (0xFFF8EDD5)
YUV	237.5530, -12.1046, 9.1620
Hunter-Lab	92.3426, -5.1191, 16.4228

Details

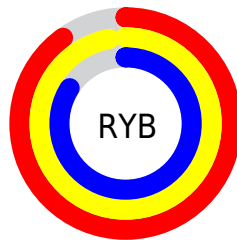
The CIELCh color **94, 12.951, 90.835** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 12.962, 274.560**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.002, 91.335** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.341, 89.552**, and if you desaturate by 10%, it is **97, 3.733, 92.053**.

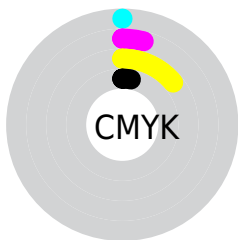
Distribution



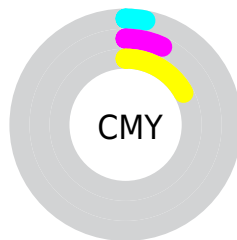
- Red (97%)
- Green (93%)
- Blue (84%)



- Red (90%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.951, 90.835 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, 12.951, 90.835 by changing the saturation by 10% instead.

 94, 12.951, 90.835

 94, 12.951, 90.835

 100, 12.951,
90.835

 84, 12.951, 90.835

 74, 12.951, 90.835

 64, 12.951, 90.835

 54, 12.951, 90.835

 44, 12.951, 90.835

 34, 12.951, 90.835

 24, 12.951, 90.835

 14, 12.951, 90.835

 4, 12.951, 90.835

94, 12.951, 90.835

94, 12.951, 90.835

92, 22.341, 89.552

97, 3.733, 92.053

89, 31.870, 88.213

99, 2.021, 238.523

87, 41.468, 86.833

99, 2.450, 199.520

85, 50.995, 85.408

82, 60.177, 83.920

80, 68.532, 82.325

78, 75.289, 80.527

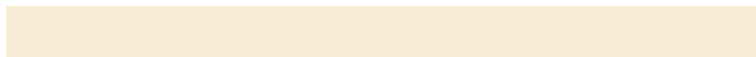
76, 79.515, 78.364

75, 80.881, 76.911

Harmonies

Complementary

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



94, 12.951, 90.835



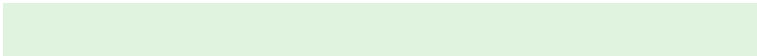
89, 12.962, 274.560

Rectangle

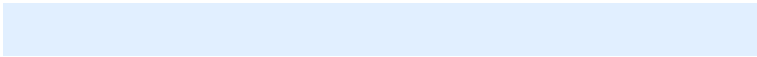
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.951, 90.835



94, 12.951, 140.835



94, 12.951, 270.835



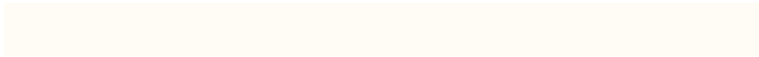
94, 12.951, 320.835

Sweetspot

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



94, 12.952, 90.846



99, 3.711, 92.065



88, 13.991, 356.169



53, 2.640, 91.983



0, 0.000, 0.000



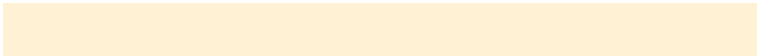
53, 0.007, 296.813

Same Dimension

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



94, 12.952, 90.846



96, 16.004, 90.475



96, 17.975, 116.355



51, 5.224, 91.422



59, 65.923, 77.410



19, 27.219, 80.189

Inverse Universe

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



89, 12.962, 274.560



89, 16.011, 275.005



87, 18.534, 298.436



49, 5.233, 273.899



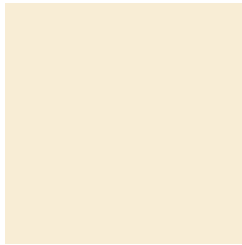
31, 80.490, 297.688



7, 31.487, 292.326

Previews

White Background



This preview shows how the CIELCh color 94, 12.951, 90.835 looks on a white background.

Color Contrast Check

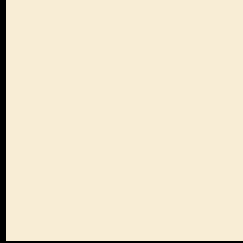
Large Text (above 18pt) WCAG AA × Fail

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, 12.951, 90.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

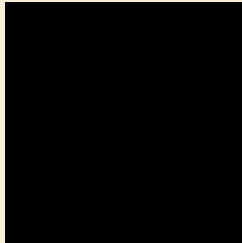
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

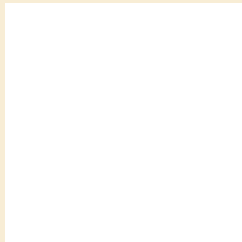
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 12.951, 90.835

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.951, 90.835.



This preview shows how white text looks on a background with the CIELCh color 94, 12.951, 90.835.

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](#).

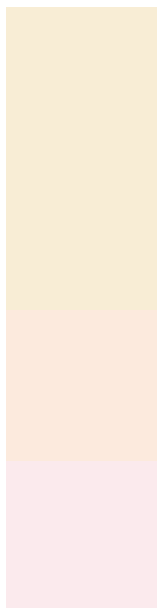
Dichromacy





Tritanopia
94, 11.897, 329.079

Trichromacy



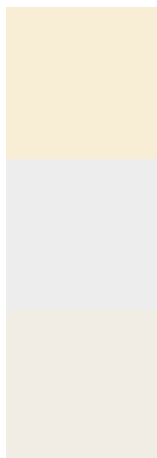
Original Color
94, 12.951, 90.835

Protanomaly
94, 12.951, 90.835

Deuteranomaly
94, 9.386, 64.839

Tritanomaly
94, 6.287, 5.582

Monochromacy



Original Color
94, 12.951, 90.835

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.822, 92.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.951, 90.835 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(248, 237, 213)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 213)  
}
```

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(248, 237, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.951, 90.835 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(248, 237, 213) }
```

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

```
.border{ border-color:rgb(248, 237, 213) }
```

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

Here you see how a box with a 4 pixel rgb(248, 237, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.951, 90.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 213) }
```

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

```
.background{ background-color: rgb(248,  
237, 213) }
```

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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