

Converting Colors

CIELCh(100, 35.009, 45.266)

Have a look what the booklet for
CIELCh(100, 35.009, 45.266)
contains.

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Color

CIELCh(94, 16.036, 82.618)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBCF
RGB	254, 235, 207
RGB Percent	100%, 92%, 81%
CMY	0.0026, 0.0770, 0.1868
CMYK	0.00, 0.07, 0.18, 0.00
HSL	36°, 97%, 91%
HSV	36°, 18%, 100%
XYZ	82.1092, 85.2715, 71.3937
YIQ	237.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

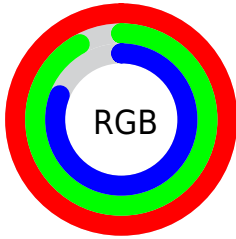
Format	Color
RYB	239, 254, 207
Decimal	16706511
CIELab	94.00, 2.06, 15.90
CIELCh	94, 16.036, 82.618
Yxy	85.2715, 0.3439, 0.3571
Android (android.graphics.Color)	4294896591 (0xFFFEBCF)
YUV	237.4890, -15.0311, 14.4801
Hunter-Lab	92.3426, -2.8808, 18.8003

Details

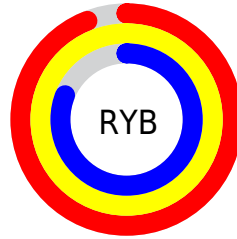
The CIELCh color **94, 16.036, 82.618** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 15.703, 267.752**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 15.789, 81.696** is the 20% darker color. If you saturate the color by 10%, you get **91, 25.114, 81.283**, and if you desaturate by 10%, it is **97, 7.235, 83.916**.

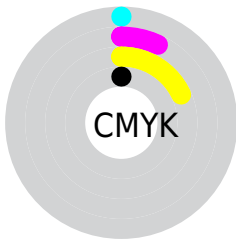
Distribution



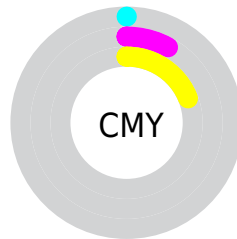
- Red (100%)
- Green (92%)
- Blue (81%)



- Red (94%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 16.036, 82.618 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, 16.036, 82.618 by changing the saturation by 10% instead.

 94, 16.036, 82.618

 94, 16.036, 82.618

 100, 16.036,
82.618

 84, 16.036, 82.618

 74, 16.036, 82.618

 64, 16.036, 82.618

 54, 16.036, 82.618

 44, 16.036, 82.618

 34, 16.036, 82.618

 24, 16.036, 82.618

 14, 16.036, 82.618

 4, 16.036, 82.618

94, 16.036, 82.618

94, 16.036, 82.618

91, 25.114, 81.283

97, 7.235, 83.916

88, 34.448, 79.898

100, 0.231,
202.260

85, 43.980, 78.473

82, 53.565, 76.993

80, 62.900, 75.416

77, 71.417, 73.646

75, 78.185, 71.495

72, 82.286, 68.724

72, 82.813, 68.284

Harmonies

Complementary

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



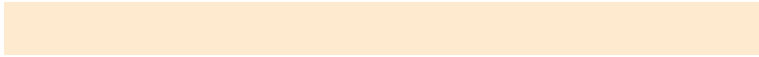
94, 16.036, 82.618



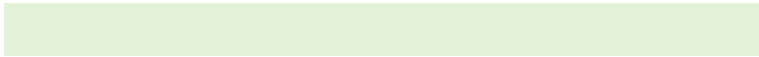
89, 15.703, 267.752

Rectangle

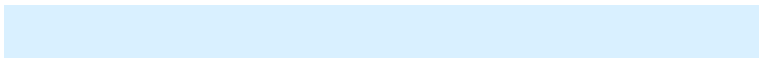
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 16.036, 82.618



94, 16.036, 132.618



94, 16.036, 262.618



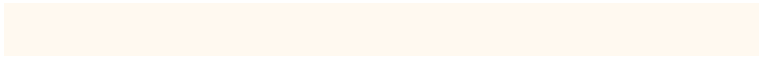
94, 16.036, 312.618

Sweetspot

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



94, 16.037, 82.628



98, 5.114, 84.213



88, 19.856, 350.143



52, 3.396, 84.136



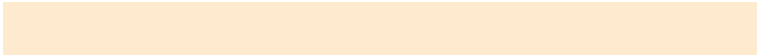
0, 0.000, 0.000



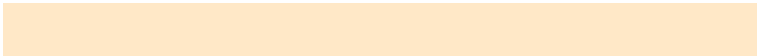
53, 0.007, 296.813

Same Dimension

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



94, 16.037, 82.628



93, 19.252, 82.158



98, 23.787, 111.891



52, 4.876, 83.787



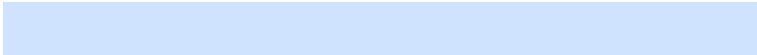
55, 66.750, 68.926



18, 27.349, 71.458

Inverse Universe

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



89, 15.703, 267.752



88, 18.763, 268.359



85, 24.821, 295.238



50, 4.833, 266.370



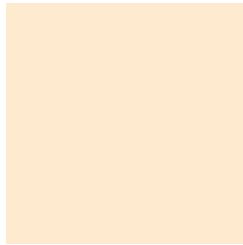
36, 70.052, 292.229



10, 28.151, 286.476

Previews

White Background



This preview shows how the CIELCh color 94, 16.036, 82.618 looks on a white background.

Color Contrast Check

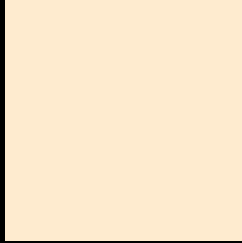
Large Text (above 18pt) WCAG AA × Fail

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, 16.036, 82.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

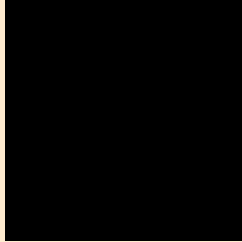
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 16.036, 82.618

Background



This preview shows how black text looks on a background with the CIELCh color 94, 16.036, 82.618.



This preview shows how white text looks on a background with the CIELCh color 94, 16.036, 82.618.

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, 16.049, 82.609

Protanopia

94, 15.517, 92.184

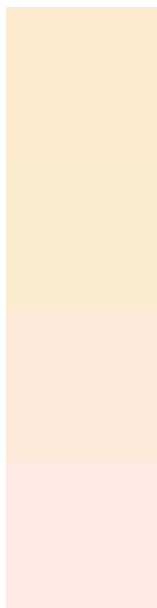
Deuteranopia

94, 9.242, 53.391



Tritanopia
94, 11.186, 340.111

Trichromacy



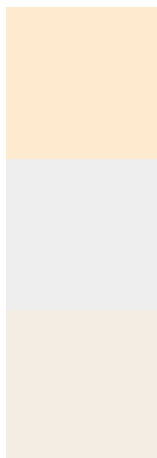
Original Color
94, 16.049, 82.609

Protanomaly
94, 15.415, 87.659

Deuteranomaly
94, 11.304, 66.111

Tritanomaly
94, 8.032, 27.185

Monochromacy



Original Color
94, 16.049, 82.609

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.701, 83.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 16.036, 82.618 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(254, 235, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 207)  
}
```

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(254, 235, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 16.036, 82.618 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(254, 235, 207) }
```

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

```
.border{ border-color:rgb(254, 235, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 16.036, 82.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 207) }
```

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

```
.background{ background-color: rgb(254,  
235, 207) }
```

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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