

Converting Colors

CIELCh(94, 34.851, 96.363)

Have a look what the booklet for
CIELCh(94, 34.851, 96.363) contains.

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Color

CIELCh(94, 34.777, 96.347)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEAB
RGB	255, 238, 171
RGB Percent	100%, 93%, 67%
CMY	0.0004, 0.0670, 0.3298
CMYK	0.00, 0.07, 0.33, 0.00
HSL	48°, 100%, 83%
HSV	48°, 33%, 100%
XYZ	79.0924, 85.2715, 50.7730
YIQ	235.4450, 31.6390, -17.2330

Conversions

Conversions Part 2

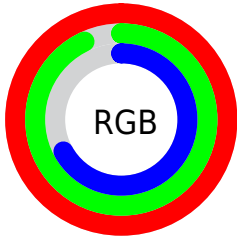
Format	Color
RYB	192, 255, 171
Decimal	16772779
CIELab	94.00, -3.84, 34.56
CIELCh	94, 34.777, 96.347
Yxy	85.2715, 0.3676, 0.3964
Android (android.graphics.Color)	4294962859 (0xFFFFEEAB)
YUV	235.4450, -31.7714, 17.1497
Hunter-Lab	92.3426, -8.7123, 32.0402

Details

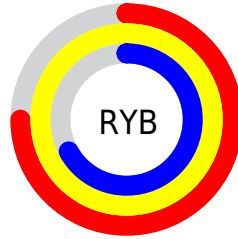
The CIELCh color **94, 34.777, 96.347** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 36.170, 285.114**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **74, 34.707, 96.335** is the 20% darker color. If you saturate the color by 10%, you get **92, 45.275, 95.108**, and if you desaturate by 10%, it is **96, 24.184, 97.572**.

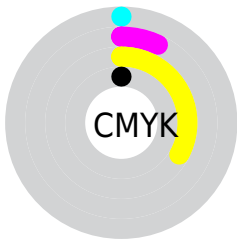
Distribution



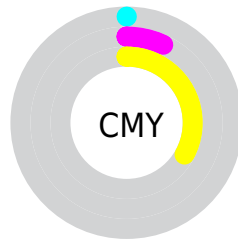
- Red (100%)
- Green (93%)
- Blue (67%)



- Red (75%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 34.777, 96.347 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, 34.777, 96.347 by changing the saturation by 10% instead.

 94, 34.777, 96.347

 94, 34.777, 96.347

 100, 34.777,
96.347

 84, 34.777, 96.347

 74, 34.777, 96.347

 64, 34.777, 96.347

 54, 34.777, 96.347

 44, 34.777, 96.347

 34, 34.777, 96.347

 24, 34.777, 96.347

 14, 34.777, 96.347

 4, 34.777, 96.347

94, 34.777, 96.347

94, 34.777, 96.347

92, 45.275, 95.108

96, 24.184, 97.572

91, 55.485, 93.847

98, 13.597, 98.760

89, 65.086, 92.572

99, 3.076, 99.870

88, 73.553, 91.273

100, 0.035,
218.787

86, 80.135, 89.920

85, 84.025, 88.452

84, 85.191, 87.324

Harmonies

Complementary

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



94, 34.777, 96.347



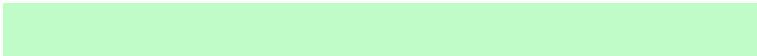
77, 36.170, 285.114

Rectangle

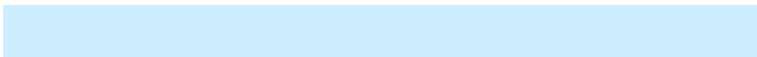
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 34.777, 96.347



94, 34.777, 146.347



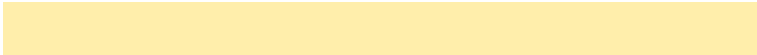
94, 34.777, 276.347



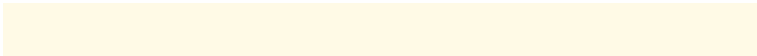
94, 34.777, 326.347

Sweetspot

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



94, 34.778, 96.352



98, 10.488, 99.101



78, 33.376, 5.839



52, 7.161, 98.939



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

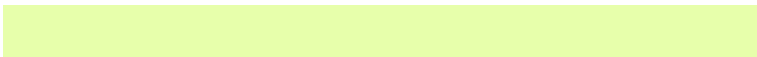
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 34.778, 96.352



93, 42.211, 95.477



97, 43.123, 119.191



52, 5.961, 99.158



65, 68.742, 87.631



22, 30.419, 89.711

Inverse Universe

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



77, 36.170, 285.114



72, 44.424, 286.518



75, 46.219, 303.564



49, 6.030, 281.434



27, 94.229, 302.427



6, 37.567, 297.542

Previews

White Background



This preview shows how the CIE LCh color 94, 34.777, 96.347 looks on a white background.

Color Contrast Check

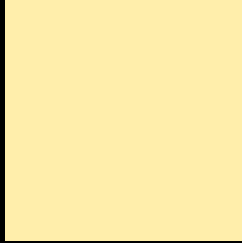
Large Text (above 18pt) WCAG AA × Fail

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, 34.777, 96.347 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, 34.777, 96.347

Background



This preview shows how black text looks on a background with the CIELCh color 94, 34.777, 96.347.

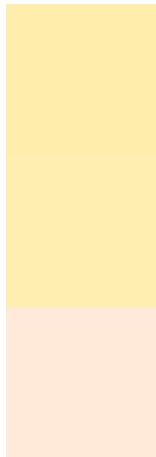


This preview shows how white text looks on a background with the CIELCh color 94, 34.777, 96.347.

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, 34.777, 96.347

Protanopia

94, 32.804, 95.889

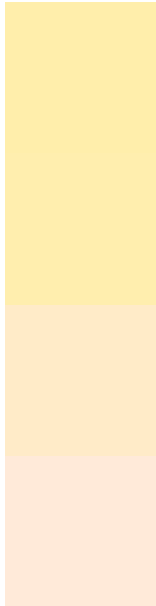
Deuteranopia

94, 11.692, 67.763



Tritanopia
94, 9.975, 345.565

Trichromacy



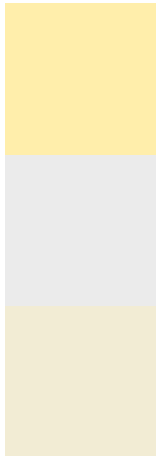
Original Color
94, 34.777, 96.347

Protanomaly
94, 33.298, 96.010

Deuteranomaly
94, 19.507, 85.818

Tritanomaly
94, 11.692, 67.763

Monochromacy



Original Color
94, 34.777, 96.347

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 12.506, 98.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 34.777, 96.347 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, 238, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 171)  
}
```

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, 238, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 34.777, 96.347 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, 238, 171) }
```

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

```
.border{ border-color:rgb(255, 238, 171) }
```

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

Here you see how a box with a 4 pixel rgb(255, 238, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 34.777, 96.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 171) }
```

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

```
.background{ background-color: rgb(255,  
238, 171) }
```

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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