

Converting Colors

CIELCh(96, 34.378, 76.225)

Have a look what the booklet for
CIELCh(96, 34.378, 76.225) contains.

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Color

CIELCh(94, 30.079, 93.558)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDB4
RGB	255, 237, 180
RGB Percent	100%, 93%, 71%
CMY	0.0000, 0.0708, 0.2945
CMYK	0.00, 0.07, 0.29, 0.00
HSL	46°, 100%, 85%
HSV	46°, 29%, 100%
XYZ	80.0945, 85.2715, 55.3666
YIQ	235.8840, 29.0250, -13.9110

Conversions

Conversions Part 2

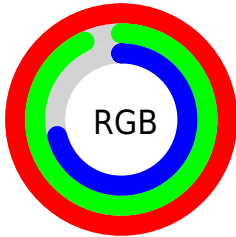
Format	Color
R_{YB}	204, 255, 180
Decimal	16772532
CIE _{Lab}	94.00, -1.87, 30.02
CIE _{LCh}	94, 30.079, 93.558
Yxy	85.2715, 0.3629, 0.3863
Android (android.graphics.Color)	4294962612 (0xFFFFEDB4)
YUV	235.8840, -27.5508, 16.7647
Hunter-Lab	92.3426, -6.7752, 29.0909

Details

The CIELCh color **94, 30.079, 93.558** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 30.708, 282.195**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **74, 29.703, 94.367** is the 20% darker color. If you saturate the color by 10%, you get **92, 40.255, 92.983**, and if you desaturate by 10%, it is **96, 19.715, 95.523**.

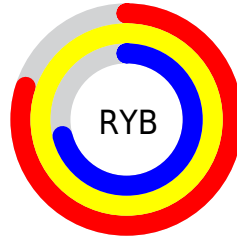
Distribution



Red (100%)

Green (93%)

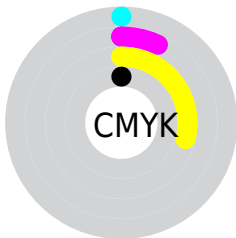
Blue (71%)



Red (80%)

Yellow (100%)

Blue (71%)

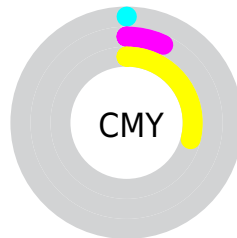


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 30.079, 93.558 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, 30.079, 93.558 by changing the saturation by 10% instead.

 94, 30.079, 93.558

 94, 30.079, 93.558

 100, 30.079,
93.558

 84, 30.079, 93.558

 74, 30.079, 93.558

 64, 30.079, 93.558

 54, 30.079, 93.558

 44, 30.079, 93.558

 34, 30.079, 93.558

 24, 30.079, 93.558

 14, 30.079, 93.558

 4, 30.079, 93.558

94, 30.079, 93.558

94, 30.079, 93.558

92, 40.255, 92.983

96, 19.715, 95.523

90, 50.388, 91.668

98, 9.520, 96.732

88, 60.134, 90.323

100, 0.012,
296.813

87, 69.065, 88.934

85, 76.508, 87.463

83, 81.595, 85.835

82, 83.871, 83.963

82, 83.966, 83.857

Harmonies

Complementary

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



94, 30.079, 93.558



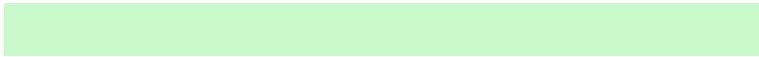
80, 30.708, 282.195

Rectangle

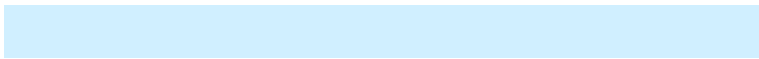
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 30.079, 93.558



94, 30.079, 143.558



94, 30.079, 273.558



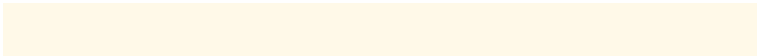
94, 30.079, 323.558

Sweetspot

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



94, 29.984, 94.270



98, 9.065, 96.784



81, 29.906, 2.843



52, 6.306, 96.613



0, 0.000, 0.000



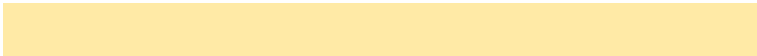
53, 0.007, 296.813

Same Dimension

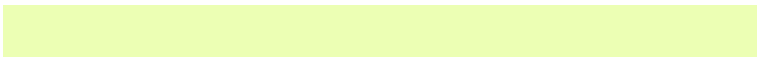
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 29.984, 94.270



93, 35.693, 93.559



97, 38.439, 118.037



52, 5.729, 96.725



63, 67.724, 84.237



21, 29.635, 86.624

Inverse Universe

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



80, 30.708, 282.195



77, 36.780, 283.256



77, 40.953, 302.140



50, 5.778, 279.075



29, 90.136, 301.062



6, 36.062, 296.259

Previews

White Background



This preview shows how the CIE LCh color 94, 30.079, 93.558 looks on a white background.

Color Contrast Check

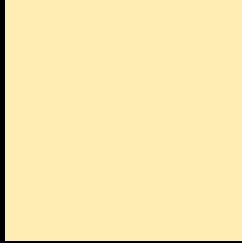
Large Text (above 18pt) WCAG AA × Fail

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, 30.079, 93.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

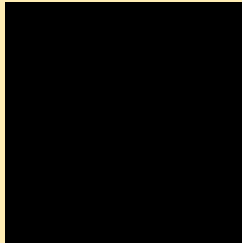
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 30.079, 93.558

Background



This preview shows how black text looks on a background with the CIELCh color 94, 30.079, 93.558.



This preview shows how white text looks on a background with the CIELCh color 94, 30.079, 93.558.

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, 29.957, 94.300

Protanopia

94, 29.864, 95.032

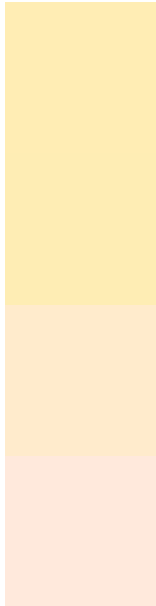
Deuteranopia

94, 11.304, 66.111



Tritanopia
94, 10.565, 344.400

Trichromacy



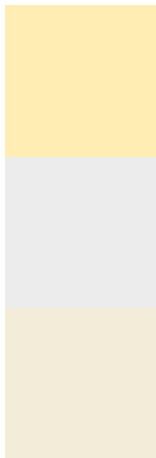
Original Color
94, 29.957, 94.300

Protanomaly
94, 29.864, 95.032

Deuteranomaly
94, 17.617, 83.514

Tritanomaly
94, 10.505, 59.080

Monochromacy



Original Color
94, 29.957, 94.300

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.571, 95.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 30.079, 93.558 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, 237, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 180)  
}
```

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, 237, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 30.079, 93.558 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, 237, 180) }
```

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

```
.border{ border-color:rgb(255, 237, 180) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 30.079, 93.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 180) }
```

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

```
.background{ background-color: rgb(255,  
237, 180) }
```

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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