

Converting Colors

CIELCh(98, 37.246, 64.580)

Have a look what the booklet for
CIELCh(98, 37.246, 64.580) contains.

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Color

CIELCh(94, 27.128, 92.336)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBA
RGB	255, 237, 186
RGB Percent	100%, 93%, 73%
CMY	0.0000, 0.0720, 0.2721
CMYK	0.00, 0.07, 0.27, 0.00
HSL	44°, 100%, 86%
HSV	44°, 27%, 100%
XYZ	80.4823, 85.2715, 58.4560
YIQ	236.5680, 27.0990, -12.0450

Conversions

Conversions Part 2

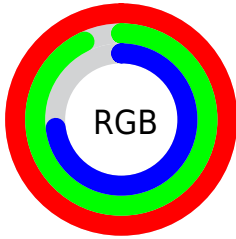
Format	Color
R _Y B	210, 255, 186
Decimal	16772538
CIE Lab	94.00, -1.11, 27.11
CIE LCh	94, 27.128, 92.336
Yxy	85.2715, 0.3590, 0.3803
Android (android.graphics.Color)	4294962618 (0xFFFFEDBA)
YUV	236.5680, -24.9300, 16.1649
Hunter-Lab	92.3426, -6.0256, 27.1073

Details

The CIELCh color **94, 27.128, 92.336** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 27.471, 280.232**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **74, 26.724, 92.413** is the 20% darker color. If you saturate the color by 10%, you get **92, 37.164, 91.555**, and if you desaturate by 10%, it is **96, 17.009, 94.132**.

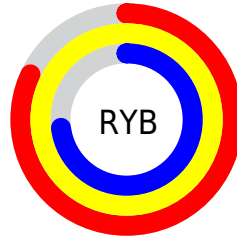
Distribution



Red (100%)

Green (93%)

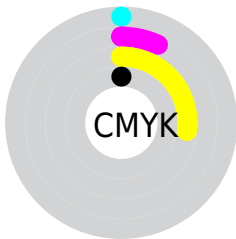
Blue (73%)



Red (82%)

Yellow (100%)

Blue (73%)

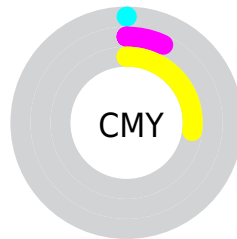


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 27.128, 92.336 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, 27.128, 92.336 by changing the saturation by 10% instead.

 94, 27.128, 92.336

 94, 27.128, 92.336

 100, 27.128,
92.336

 84, 27.128, 92.336

 74, 27.128, 92.336

 64, 27.128, 92.336

 54, 27.128, 92.336

 44, 27.128, 92.336

 34, 27.128, 92.336

 24, 27.128, 92.336

 14, 27.128, 92.336

 4, 27.128, 92.336

94, 27.128, 92.336

94, 27.128, 92.336

92, 37.164, 91.555

96, 17.009, 94.132

90, 47.213, 90.213

98, 7.071, 95.346

88, 57.001, 88.835

100, 0.012,
296.813

86, 66.158, 87.405

84, 74.078, 85.882

82, 79.904, 84.185

81, 82.851, 82.187

80, 83.364, 81.596

Harmonies

Complementary

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



94, 27.128, 92.336



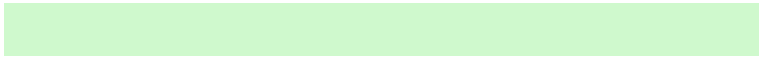
82, 27.471, 280.232

Rectangle

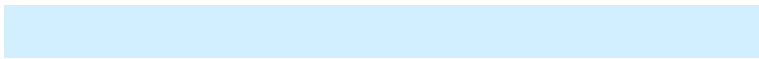
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 27.128, 92.336



94, 27.128, 142.336



94, 27.128, 272.336



94, 27.128, 322.336

Sweetspot

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



94, 27.059, 92.862



98, 7.851, 95.254



82, 27.673, 1.312



52, 5.587, 95.075



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

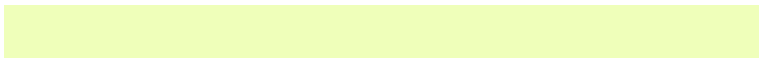
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 27.059, 92.862



93, 32.908, 92.110



97, 35.479, 117.495



52, 5.587, 95.075



62, 67.226, 82.021



20, 29.180, 84.567

Inverse Universe

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



82, 27.471, 280.232



78, 33.558, 281.320



79, 37.633, 301.371



50, 5.623, 277.470



30, 87.362, 300.071



7, 35.016, 295.279

Previews

White Background



This preview shows how the CIE LCh color 94, 27.128, 92.336 looks on a white background.

Color Contrast Check

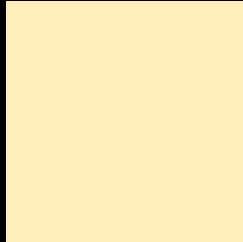
Large Text (above 18pt) WCAG AA × Fail

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, 27.128, 92.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

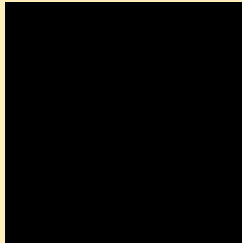
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 27.128, 92.336

Background



This preview shows how black text looks on a background with the CIELCh color 94, 27.128, 92.336.



This preview shows how white text looks on a background with the CIELCh color 94, 27.128, 92.336.

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, 26.999, 93.145

Protanopia

94, 26.803, 94.753

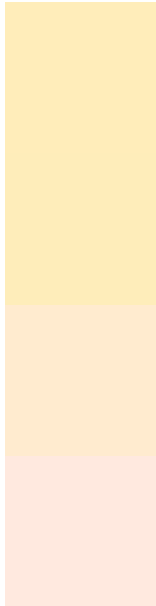
Deuteranopia

94, 10.927, 64.340



Tritanopia
94, 10.867, 342.193

Trichromacy



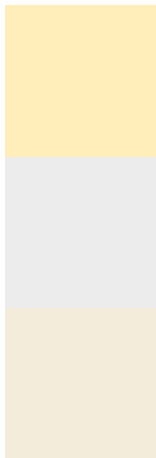
Original Color
94, 26.999, 93.145

Protanomaly
94, 26.898, 93.947

Deuteranomaly
94, 16.224, 81.410

Tritanomaly
94, 9.564, 52.166

Monochromacy



Original Color
94, 26.999, 93.145

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 9.575, 93.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 27.128, 92.336 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 27.128, 92.336 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, 186) }
```

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

```
.border{ border-color:rgb(255, 237, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 27.128, 92.336 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
237, 186) }
```

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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