

Converting Colors

CIELCh(100, 43.261, 56.369)

Have a look what the booklet for
CIELCh(100, 43.261, 56.369)
contains.

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Color

CIELCh(94, 26.637, 92.100)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBB
RGB	255, 237, 187
RGB Percent	100%, 93%, 73%
CMY	0.0000, 0.0722, 0.2684
CMYK	0.00, 0.07, 0.27, 0.00
HSL	44°, 100%, 87%
HSV	44°, 27%, 100%
XYZ	80.5485, 85.2715, 58.9822
YIQ	236.6820, 26.7780, -11.7340

Conversions

Conversions Part 2

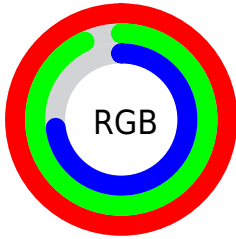
Format	Color
R _Y B	211, 255, 187
Decimal	16772539
CIE Lab	94.00, -0.98, 26.62
CIE LCh	94, 26.637, 92.100
Yxy	85.2715, 0.3583, 0.3793
Android (android.graphics.Color)	4294962619 (0xFFFFE _D BB)
YUV	236.6820, -24.4932, 16.0649
Hunter-Lab	92.3426, -5.8977, 26.7694

Details

The CIELCh color **94, 26.637, 92.100** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.937, 279.869**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **74, 26.211, 92.184** is the 20% darker color. If you saturate the color by 10%, you get **92, 36.646, 91.281**, and if you desaturate by 10%, it is **96, 16.563, 93.863**.

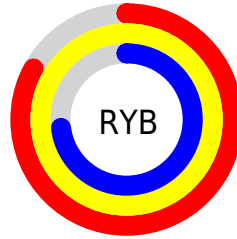
Distribution



Red (100%)

Green (93%)

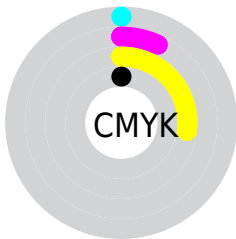
Blue (73%)



Red (83%)

Yellow (100%)

Blue (73%)

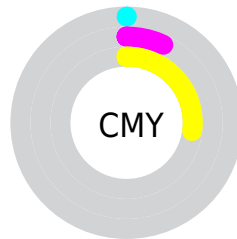


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 26.637, 92.100 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, 26.637, 92.100 by changing the saturation by 10% instead.

 94, 26.637, 92.100

 94, 26.637, 92.100

 100, 26.637,
92.100

 84, 26.637, 92.100

 74, 26.637, 92.100

 64, 26.637, 92.100

 54, 26.637, 92.100

 44, 26.637, 92.100

 34, 26.637, 92.100

 24, 26.637, 92.100

 14, 26.637, 92.100

 4, 26.637, 92.100

94, 26.637, 92.100

94, 26.637, 92.100

92, 36.646, 91.281

96, 16.563, 93.863

90, 46.677, 89.935

98, 6.672, 95.079

88, 56.467, 88.551

100, 0.012,
296.813

86, 65.657, 87.114

84, 73.651, 85.583

82, 79.600, 83.875

80, 82.681, 81.859

80, 83.270, 81.177

Harmonies

Complementary

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



94, 26.637, 92.100



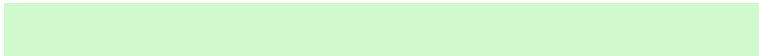
83, 26.937, 279.869

Rectangle

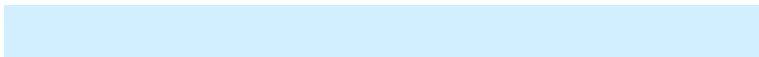
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 26.637, 92.100



94, 26.637, 142.100



94, 26.637, 272.100



94, 26.637, 322.100

Sweetspot

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



94, 26.572, 92.592



98, 7.815, 94.942



82, 27.439, 0.064



52, 5.561, 94.763



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, 26.572, 92.592



93, 31.770, 91.919



97, 34.923, 116.830



52, 5.561, 94.763



61, 67.147, 81.611



20, 29.100, 84.182

Inverse Universe

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



83, 26.937, 279.869



79, 32.321, 280.832



79, 37.043, 300.768



50, 5.595, 277.166



30, 86.842, 299.878



7, 34.816, 295.083

Previews

White Background



This preview shows how the CIE LCh color 94, 26.637, 92.100 looks on a white background.

Color Contrast Check

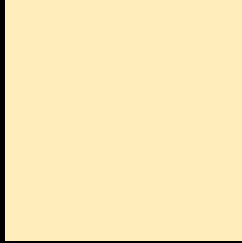
Large Text (above 18pt) WCAG AA × Fail

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, 26.637, 92.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

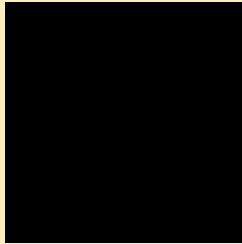
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 26.637, 92.100

Background



This preview shows how black text looks on a background with the CIELCh color 94, 26.637, 92.100.



This preview shows how white text looks on a background with the CIELCh color 94, 26.637, 92.100.

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, 26.507, 92.922

Protanopia

94, 26.307, 94.556

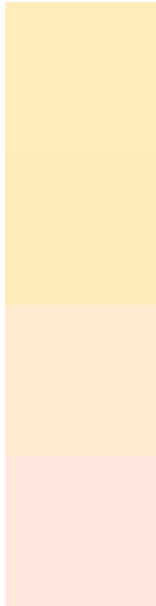
Deuteranopia

94, 10.927, 64.340



Tritanopia
94, 10.867, 342.193

Trichromacy



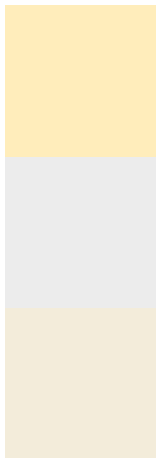
Original Color
94, 26.507, 92.922

Protanomaly
94, 26.404, 93.736

Deuteranomaly
94, 16.224, 81.410

Tritanomaly
94, 9.564, 52.166

Monochromacy



Original Color
94, 26.507, 92.922

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, 26.637, 92.100 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 26.637, 92.100 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, 187) }
```

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

```
.border{ border-color:rgb(255, 237, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 187); box-shadow:4px 4px 4px 4px rgb(255, 237, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 26.637, 92.100 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
237, 187) }
```

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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