

Converting Colors

CIELCh(100, 41.130, 56.023)

Have a look what the booklet for
CIELCh(100, 41.130, 56.023)
contains.

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Color

CIELCh(94, 25.032, 92.190)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBE
RGB	255, 237, 190
RGB Percent	100%, 93%, 75%
CMY	0.0014, 0.0719, 0.2562
CMYK	0.00, 0.07, 0.26, 0.00
HSL	43°, 99%, 87%
HSV	43°, 26%, 100%
XYZ	80.5585, 85.2715, 60.7418
YIQ	237.0240, 25.8150, -10.8010

Conversions

Conversions Part 2

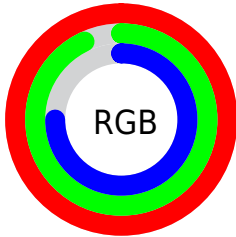
Format	Color
R _Y B	215, 255, 190
Decimal	16772542
CIE Lab	94.00, -0.96, 25.01
CIE LCh	94, 25.032, 92.190
Yxy	85.2715, 0.3556, 0.3764
Android (android.graphics.Color)	4294962622 (0xFFFFE0BE)
YUV	237.0240, -23.1828, 15.7650
Hunter-Lab	92.3426, -5.8784, 25.6396

Details

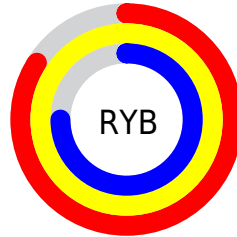
The CIELCh color **94, 25.032, 92.190** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.304, 279.106**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **74, 25.183, 91.691** is the 20% darker color. If you saturate the color by 10%, you get **92, 35.037, 90.882**, and if you desaturate by 10%, it is **96, 15.115, 93.469**.

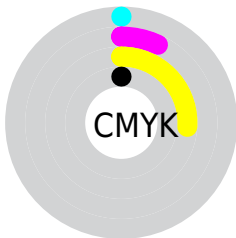
Distribution



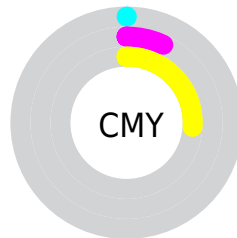
- Red (100%)
- Green (93%)
- Blue (75%)



- Red (84%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 25.032, 92.190 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, 25.032, 92.190 by changing the saturation by 10% instead.

 94, 25.032, 92.190

 94, 25.032, 92.190

 100, 25.032,
92.190

 84, 25.032, 92.190

 74, 25.032, 92.190

 64, 25.032, 92.190

 54, 25.032, 92.190

 44, 25.032, 92.190

 34, 25.032, 92.190

 24, 25.032, 92.190

 14, 25.032, 92.190

 4, 25.032, 92.190

94, 25.032, 92.190

94, 25.032, 92.190

92, 35.037, 90.882

96, 15.115, 93.469

90, 45.030, 89.532

99, 5.326, 94.677

88, 54.833, 88.142

100, 0.119,
204.959

86, 64.118, 86.700

84, 72.330, 85.165

82, 78.644, 83.455

80, 82.181, 81.438

79, 83.033, 80.440

Harmonies

Complementary

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



94, 25.032, 92.190



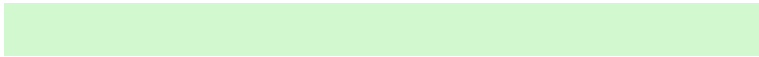
83, 25.304, 279.106

Rectangle

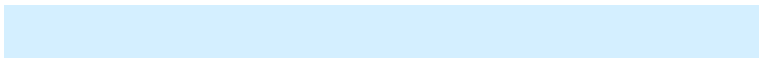
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 25.032, 92.190



94, 25.032, 142.190



94, 25.032, 272.190



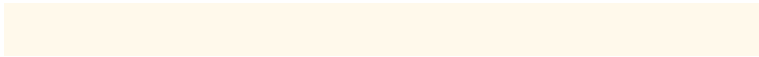
94, 25.032, 322.190

Sweetspot

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



94, 25.033, 92.196



98, 7.752, 94.388



83, 26.002, 359.886



52, 5.517, 94.208



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, 25.033, 92.196



93, 30.546, 91.480



97, 33.191, 116.920



52, 5.517, 94.208



61, 67.019, 80.887



20, 28.964, 83.499

Inverse Universe

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



83, 25.304, 279.106



80, 30.973, 280.116



80, 35.093, 300.643



50, 5.546, 276.626



30, 85.918, 299.532



7, 34.460, 294.725

Previews

White Background



This preview shows how the CIE LCh color 94, 25.032, 92.190 looks on a white background.

Color Contrast Check

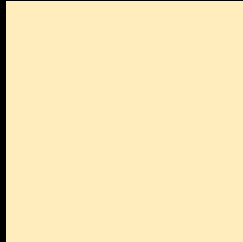
Large Text (above 18pt) WCAG AA × Fail

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, 25.032, 92.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

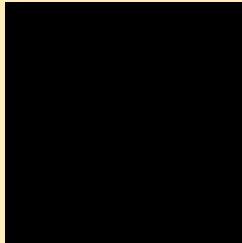
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 25.032, 92.190

Background



This preview shows how black text looks on a background with the CIELCh color 94, 25.032, 92.190.



This preview shows how white text looks on a background with the CIELCh color 94, 25.032, 92.190.

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, 25.032, 92.190

Protanopia

94, 24.822, 93.908

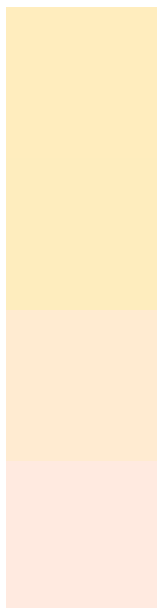
Deuteranopia

94, 10.561, 62.441



Tritanopia
94, 10.269, 343.197

Trichromacy



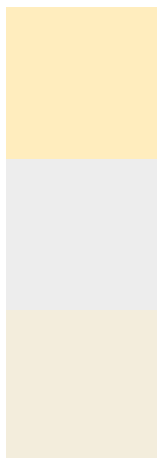
Original Color
94, 25.032, 92.190

Protanomaly
94, 24.924, 93.046

Deuteranomaly
94, 15.311, 79.783

Tritanomaly
94, 9.242, 53.391

Monochromacy



Original Color
94, 25.032, 92.190

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 8.978, 95.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 25.032, 92.190 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 25.032, 92.190 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, 190) }
```

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

```
.border{ border-color:rgb(255, 237, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 25.032, 92.190 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
237, 190) }
```

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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