

Converting Colors

CIELCh(100, 41.240, 57.013)

Have a look what the booklet for
CIELCh(100, 41.240, 57.013)
contains.

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Color

CIELCh(94, 25.523, 92.445)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBD
RGB	255, 237, 189
RGB Percent	100%, 93%, 74%
CMY	0.0011, 0.0717, 0.2599
CMYK	0.00, 0.07, 0.26, 0.00
HSL	44°, 99%, 87%
HSV	44°, 26%, 100%
XYZ	80.4910, 85.2715, 60.2054
YIQ	236.9100, 26.1360, -11.1120

Conversions

Conversions Part 2

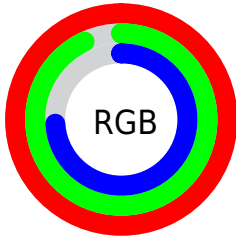
Format	Color
R _Y B	214, 255, 189
Decimal	16772541
CIE Lab	94.00, -1.09, 25.50
CIE LCh	94, 25.523, 92.445
Yxy	85.2715, 0.3562, 0.3774
Android (android.graphics.Color)	4294962621 (0xFFFFE _B D _B D)
YUV	236.9100, -23.6196, 15.8649
Hunter-Lab	92.3426, -6.0090, 25.9840

Details

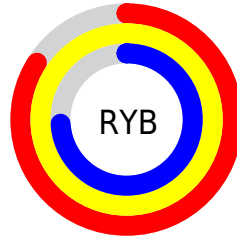
The CIELCh color **94, 25.523, 92.445** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.835, 279.460**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **74, 25.697, 91.943** is the 20% darker color. If you saturate the color by 10%, you get **92, 35.560, 91.140**, and if you desaturate by 10%, it is **96, 15.564, 93.722**.

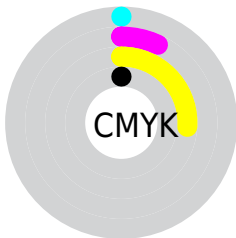
Distribution



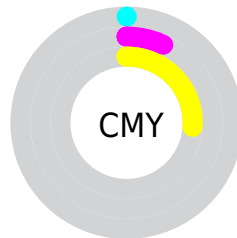
- Red (100%)
- Green (93%)
- Blue (74%)



- Red (84%)
- Yellow (100%)
- Blue (74%)



- 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, 25.523, 92.445 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, 25.523, 92.445 by changing the saturation by 10% instead.

 94, 25.523, 92.445

 94, 25.523, 92.445

 100, 25.523,
92.445

 84, 25.523, 92.445

 74, 25.523, 92.445

 64, 25.523, 92.445

 54, 25.523, 92.445

 44, 25.523, 92.445

 34, 25.523, 92.445

 24, 25.523, 92.445

 14, 25.523, 92.445

 4, 25.523, 92.445

94, 25.523, 92.445

94, 25.523, 92.445

92, 35.560, 91.140

96, 15.564, 93.722

90, 45.574, 89.793

99, 5.729, 94.931

88, 55.379, 88.408

100, 0.100,
206.012

86, 64.636, 86.970

84, 72.779, 85.441

82, 78.976, 83.740

80, 82.361, 81.734

80, 83.126, 80.837

Harmonies

Complementary

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



94, 25.523, 92.445



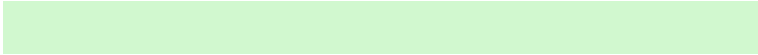
83, 25.835, 279.460

Rectangle

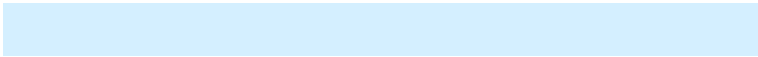
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 25.523, 92.445



94, 25.523, 142.445



94, 25.523, 272.445



94, 25.523, 322.445

Sweetspot

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



94, 25.524, 92.451



98, 7.786, 94.687



83, 26.420, 359.937



52, 5.541, 94.507



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, 25.524, 92.451



93, 30.662, 91.787



97, 33.695, 116.893



52, 5.541, 94.507



61, 67.087, 81.276



20, 29.037, 83.866

Inverse Universe

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



83, 25.835, 279.460



80, 31.134, 280.398



80, 35.659, 300.679



50, 5.572, 276.917



30, 86.415, 299.719



7, 34.652, 294.919

Previews

White Background



This preview shows how the CIE LCh color 94, 25.523, 92.445 looks on a white background.

Color Contrast Check

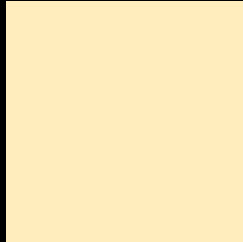
Large Text (above 18pt) WCAG AA × Fail

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, 25.523, 92.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

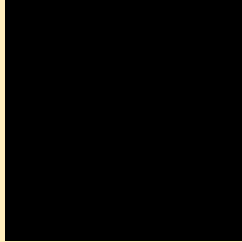
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 25.523, 92.445

Background



This preview shows how black text looks on a background with the CIELCh color 94, 25.523, 92.445.



This preview shows how white text looks on a background with the CIELCh color 94, 25.523, 92.445.

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](#).

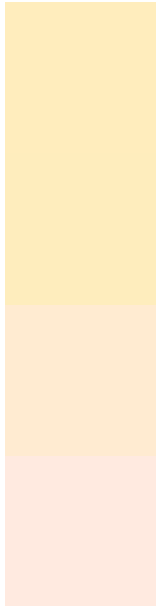
Dichromacy





Tritanopia
94, 10.269, 343.197

Trichromacy



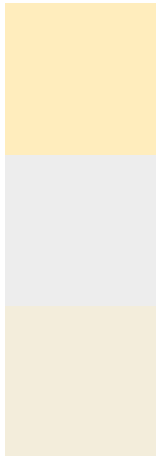
Original Color
94, 25.523, 92.445

Protanomaly
94, 25.417, 93.287

Deuteranomaly
94, 15.311, 79.783

Tritanomaly
94, 9.242, 53.391

Monochromacy



Original Color
94, 25.523, 92.445

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 9.478, 96.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 25.523, 92.445 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 25.523, 92.445 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, 189) }
```

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

```
.border{ border-color:rgb(255, 237, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 25.523, 92.445 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
237, 189) }
```

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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