

Converting Colors

CIELCh(100, 40.802, 55.091)

Have a look what the booklet for
CIELCh(100, 40.802, 55.091)
contains.

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Color

CIELCh(94, 24.540, 91.923)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDBF
RGB	255, 237, 191
RGB Percent	100%, 93%, 75%
CMY	0.0016, 0.0721, 0.2524
CMYK	0.00, 0.07, 0.25, 0.00
HSL	43°, 99%, 87%
HSV	43°, 25%, 100%
XYZ	80.6265, 85.2715, 61.2830
YIQ	237.1380, 25.4940, -10.4900

Conversions

Conversions Part 2

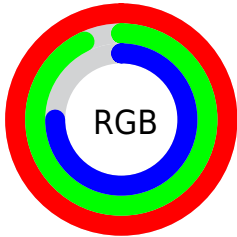
Format	Color
R _Y B	216, 255, 191
Decimal	16772543
CIE Lab	94.00, -0.82, 24.53
CIE LCh	94, 24.540, 91.923
Yxy	85.2715, 0.3549, 0.3753
Android (android.graphics.Color)	4294962623 (0xFFFFEDBF)
YUV	237.1380, -22.7460, 15.6650
Hunter-Lab	92.3426, -5.7470, 25.2921

Details

The CIELCh color **94, 24.540, 91.923** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.773, 278.741**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **74, 24.670, 91.425** is the 20% darker color. If you saturate the color by 10%, you get **92, 34.510, 90.613**, and if you desaturate by 10%, it is **96, 14.665, 93.204**.

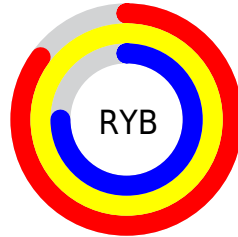
Distribution



Red (100%)

Green (93%)

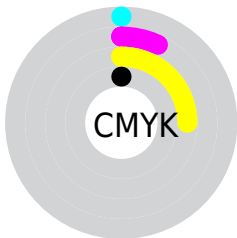
Blue (75%)



Red (85%)

Yellow (100%)

Blue (75%)

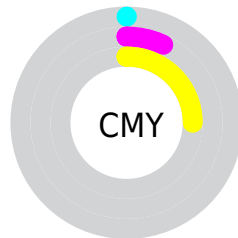


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 24.540, 91.923 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, 24.540, 91.923 by changing the saturation by 10% instead.

 94, 24.540, 91.923

 94, 24.540, 91.923

 100, 24.540,
91.923

 84, 24.540, 91.923

 74, 24.540, 91.923

 64, 24.540, 91.923

 54, 24.540, 91.923

 44, 24.540, 91.923

 34, 24.540, 91.923

 24, 24.540, 91.923

 14, 24.540, 91.923

 4, 24.540, 91.923

94, 24.540, 91.923

94, 24.540, 91.923

92, 34.510, 90.613

96, 14.665, 93.204

90, 44.482, 89.258

99, 4.925, 94.410

88, 54.282, 87.865

100, 0.139,
204.181

86, 63.594, 86.417

84, 71.873, 84.876

82, 78.305, 83.159

80, 81.994, 81.130

79, 82.942, 80.030

Harmonies

Complementary

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



94, 24.540, 91.923



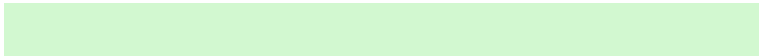
84, 24.773, 278.741

Rectangle

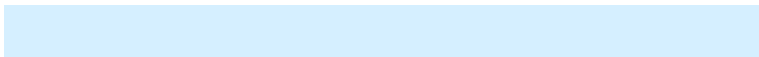
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 24.540, 91.923



94, 24.540, 141.923



94, 24.540, 271.923



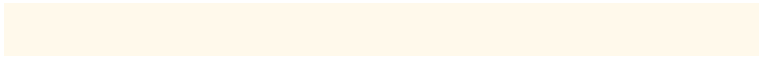
94, 24.540, 321.923

Sweetspot

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



94, 24.541, 91.929



98, 7.717, 94.077



83, 25.584, 359.834



52, 5.492, 93.896



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

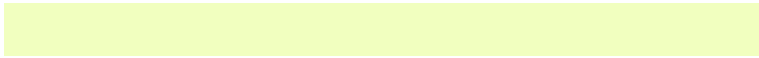
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 24.541, 91.929



93, 29.429, 91.292



97, 32.686, 116.946



52, 5.492, 93.896



61, 66.954, 80.484



20, 28.889, 83.117

Inverse Universe

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



84, 24.773, 278.741



81, 29.780, 279.630



80, 34.526, 300.607



50, 5.520, 276.322



30, 85.403, 299.335



7, 34.260, 294.519

Previews

White Background



This preview shows how the CIE LCh color 94, 24.540, 91.923 looks on a white background.

Color Contrast Check

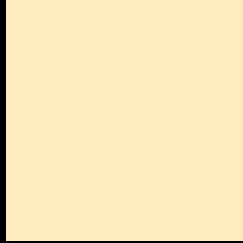
Large Text (above 18pt) WCAG AA × Fail

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, 24.540, 91.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

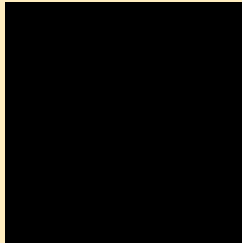
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 24.540, 91.923

Background



This preview shows how black text looks on a background with the CIELCh color 94, 24.540, 91.923.

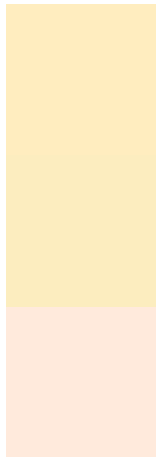


This preview shows how white text looks on a background with the CIELCh color 94, 24.540, 91.923.

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, 24.540, 91.923

Protanopia

94, 24.231, 94.556

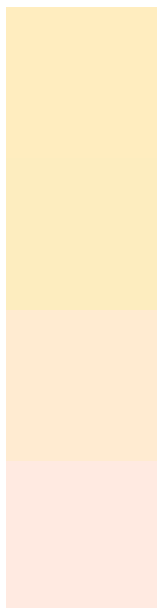
Deuteranopia

94, 10.561, 62.441



Tritanopia
94, 10.269, 343.197

Trichromacy



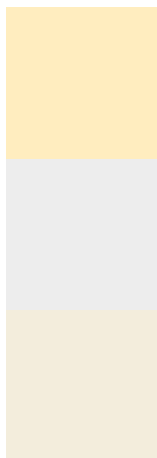
Original Color
94, 24.540, 91.923

Protanomaly
94, 24.328, 93.671

Deuteranomaly
94, 15.311, 79.783

Tritanomaly
94, 8.956, 50.726

Monochromacy



Original Color
94, 24.540, 91.923

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, 24.540, 91.923 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 24.540, 91.923 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, 191) }
```

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

```
.border{ border-color:rgb(255, 237, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 24.540, 91.923 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
237, 191) }
```

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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