

Converting Colors

CIELCh(100, 39.935, 55.093)

Have a look what the booklet for
CIELCh(100, 39.935, 55.093)
contains.

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Color

CIELCh(94, 24.050, 91.643)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDC0
RGB	255, 237, 192
RGB Percent	100%, 93%, 75%
CMY	0.0018, 0.0723, 0.2487
CMYK	0.00, 0.07, 0.25, 0.00
HSL	43°, 99%, 87%
HSV	43°, 25%, 100%
XYZ	80.6949, 85.2715, 61.8258
YIQ	237.2520, 25.1730, -10.1790

Conversions

Conversions Part 2

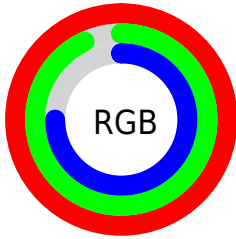
Format	Color
R _Y B	217, 255, 192
Decimal	16772544
CIE Lab	94.00, -0.69, 24.04
CIE LCh	94, 24.050, 91.643
Yxy	85.2715, 0.3542, 0.3743
Android (android.graphics.Color)	4294962624 (0xFFFFEDC0)
YUV	237.2520, -22.3092, 15.5650
Hunter-Lab	92.3426, -5.6147, 24.9436

Details

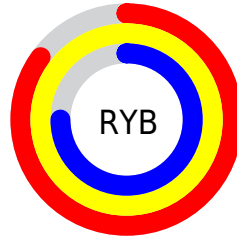
The CIELCh color **94, 24.050, 91.643** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.246, 278.363**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **74, 24.157, 91.146** is the 20% darker color. If you saturate the color by 10%, you get **92, 33.985, 90.330**, and if you desaturate by 10%, it is **96, 14.219, 92.926**.

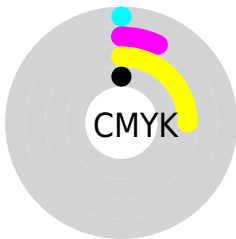
Distribution



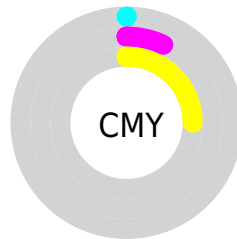
- Red (100%)
- Green (93%)
- Blue (75%)



- 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, 24.050, 91.643 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, 24.050, 91.643 by changing the saturation by 10% instead.

 94, 24.050, 91.643

 94, 24.050, 91.643

 100, 24.050,
91.643

 84, 24.050, 91.643

 74, 24.050, 91.643

 64, 24.050, 91.643

 54, 24.050, 91.643

 44, 24.050, 91.643

 34, 24.050, 91.643

 24, 24.050, 91.643

 14, 24.050, 91.643

 4, 24.050, 91.643

94, 24.050, 91.643

94, 24.050, 91.643

92, 33.985, 90.330

96, 14.219, 92.926

90, 43.934, 88.972

99, 4.528, 94.130

87, 53.730, 87.575

100, 0.158,
203.601

85, 63.066, 86.122

83, 71.412, 84.575

82, 77.959, 82.850

80, 81.802, 80.809

79, 82.855, 79.606

Harmonies

Complementary

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



94, 24.050, 91.643



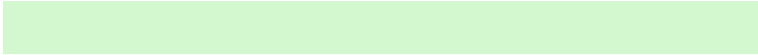
84, 24.246, 278.363

Rectangle

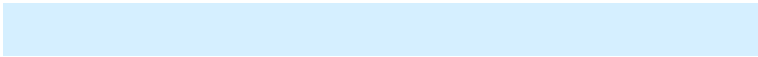
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 24.050, 91.643



94, 24.050, 141.643



94, 24.050, 271.643



94, 24.050, 321.643

Sweetspot

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



94, 24.051, 91.650



98, 6.715, 93.871



84, 25.335, 358.603



52, 4.366, 93.800



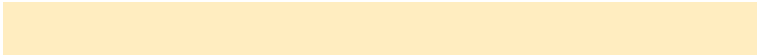
0, 0.000, 0.000



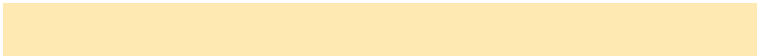
53, 0.007, 296.813

Same Dimension

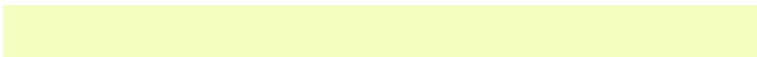
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 24.051, 91.650



93, 29.311, 90.960



98, 32.116, 116.283



52, 5.467, 93.572



61, 66.890, 80.068



20, 28.814, 82.721

Inverse Universe

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



84, 24.246, 278.363



81, 29.617, 279.323



80, 33.918, 299.994



50, 5.492, 276.005



31, 84.867, 299.129



7, 34.051, 294.301

Previews

White Background



This preview shows how the CIE LCh color 94, 24.050, 91.643 looks on a white background.

Color Contrast Check

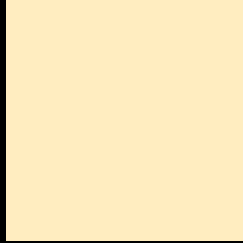
Large Text (above 18pt) WCAG AA × Fail

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, 24.050, 91.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

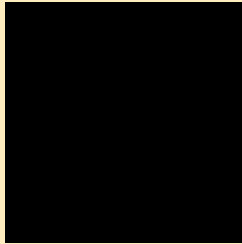
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 24.050, 91.643

Background



This preview shows how black text looks on a background with the CIELCh color 94, 24.050, 91.643.



This preview shows how white text looks on a background with the CIELCh color 94, 24.050, 91.643.

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, 24.050, 91.643

Protanopia

94, 23.735, 94.323

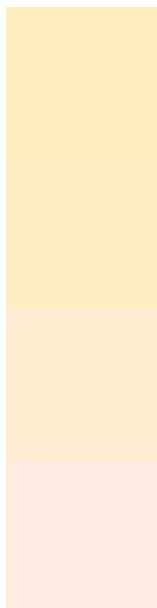
Deuteranopia

94, 10.561, 62.441



Tritanopia
94, 10.269, 343.197

Trichromacy



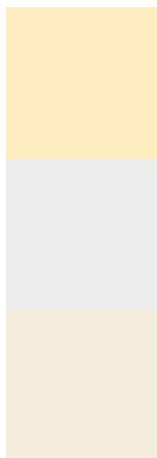
Original Color
94, 24.050, 91.643

Protanomaly
94, 23.834, 93.423

Deuteranomaly
94, 14.859, 78.891

Tritanomaly
94, 8.956, 50.726

Monochromacy



Original Color
94, 24.050, 91.643

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, 24.050, 91.643 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 24.050, 91.643 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, 192) }
```

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

```
.border{ border-color:rgb(255, 237, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 24.050, 91.643 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
237, 192) }
```

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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