

Converting Colors

CIELCh(93, 25.175, 95.824)

Have a look what the booklet for
CIELCh(93, 25.175, 95.824) contains.

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Color

CIELCh(93, 25.175, 95.824)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBBB
RGB	249, 235, 187
RGB Percent	98%, 92%, 73%
CMY	0.0244, 0.0793, 0.2675
CMYK	0.00, 0.06, 0.25, 0.02
HSL	46°, 83%, 85%
HSV	46°, 25%, 98%
XYZ	77.5783, 82.9670, 58.8195
YIQ	233.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

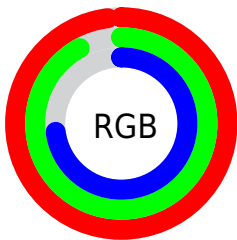
Format	Color
R _Y B	205, 249, 187
Decimal	16378811
CIE Lab	93.00, -2.55, 25.05
CIE LCh	93, 25.175, 95.824
Yxy	82.9670, 0.3536, 0.3782
Android (android.graphics.Color)	4294568891 (0xFFF9EBBB)
YUV	233.7140, -23.0300, 13.4058
Hunter-Lab	91.0862, -7.3721, 25.4735

Details

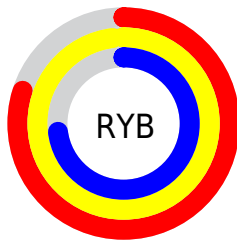
The CIELCh color **93, 25.175, 95.824** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 25.757, 282.299**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **73, 24.806, 95.333** is the 20% darker color. If you saturate the color by 10%, you get **91, 35.368, 94.577**, and if you desaturate by 10%, it is **95, 15.006, 97.048**.

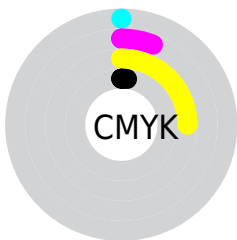
Distribution



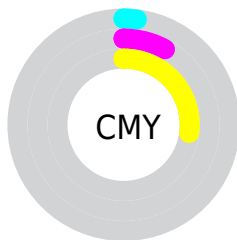
- Red (98%)
- Green (92%)
- Blue (73%)



- Red (80%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 25.175, 95.824 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 93, 25.175, 95.824 by changing the saturation by 10% instead.

 93, 25.175, 95.824

 93, 25.175, 95.824

 100, 25.175,
95.824

 83, 25.175, 95.824

 73, 25.175, 95.824

 63, 25.175, 95.824

 53, 25.175, 95.824

 43, 25.175, 95.824

 33, 25.175, 95.824

 23, 25.175, 95.824

 13, 25.175, 95.824

 3, 25.175, 95.824

93, 25.175, 95.824

93, 25.175, 95.824

91, 35.368, 94.577

95, 15.006, 97.048

89, 45.474, 93.297

97, 4.913, 98.207

88, 55.299, 91.993

99, 1.977, 260.289

86, 64.508, 90.661

100, 2.159,
199.575

84, 72.551, 89.281

83, 78.653, 87.806

81, 82.020, 86.150

81, 82.848, 85.236

Harmonies

Complementary

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



93, 25.175, 95.824



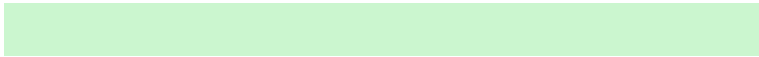
81, 25.757, 282.299

Rectangle

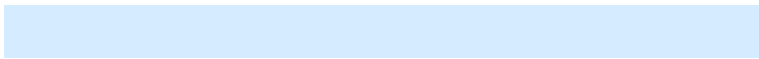
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 25.175, 95.824



93, 25.175, 145.824



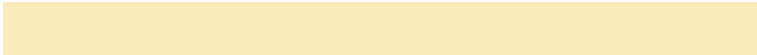
93, 25.175, 275.824



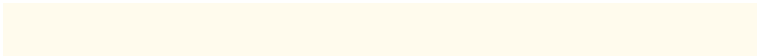
93, 25.175, 325.824

Sweetspot

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



93, 25.176, 95.830



99, 7.150, 97.975



82, 24.465, 3.431



52, 4.648, 97.906



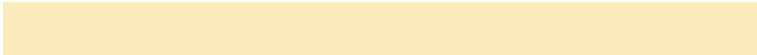
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

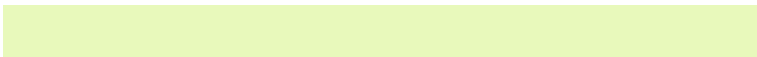
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 25.176, 95.830



94, 30.975, 95.192



95, 32.039, 119.006



51, 5.721, 97.689



63, 67.411, 85.579



20, 28.789, 87.947

Inverse Universe

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



81, 25.757, 282.299



80, 31.872, 283.197



79, 33.731, 302.310



49, 5.777, 280.005



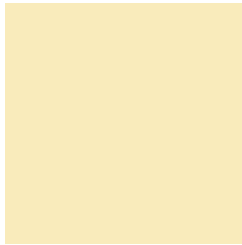
28, 90.767, 301.590



6, 35.124, 296.081

Previews

White Background



This preview shows how the CIE LCh color 93, 25.175, 95.824 looks on a white background.

Color Contrast Check

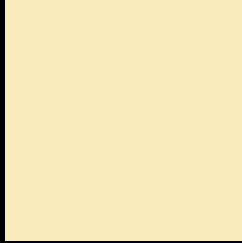
Large Text (above 18pt) WCAG AA × Fail

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 93, 25.175, 95.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

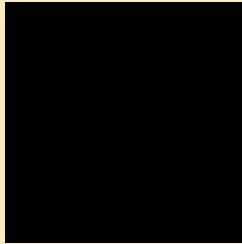
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 25.175, 95.824

Background



This preview shows how black text looks on a background with the CIELCh color 93, 25.175, 95.824.



This preview shows how white text looks on a background with the CIELCh color 93, 25.175, 95.824.

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


93, 25.175, 95.824

Protanopia

93, 24.882, 93.872

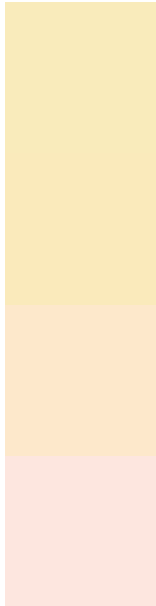
Deuteranopia

93, 12.800, 62.723



Tritanopia
93, 13.289, 339.105

Trichromacy



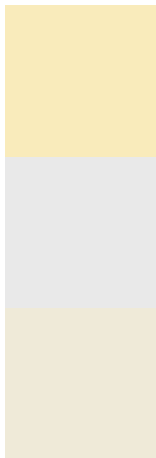
Original Color
93, 25.175, 95.824

Protanomaly
93, 24.882, 93.872

Deuteranomaly
93, 16.908, 80.972

Tritanomaly
93, 9.162, 42.938

Monochromacy



Original Color
93, 25.175, 95.824

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 9.424, 98.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 25.175, 95.824 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(249, 235, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 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(249, 235, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 25.175, 95.824 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(249, 235, 187) }
```

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

```
.border{ border-color:rgb(249, 235, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 235, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 25.175, 95.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 187) }
```

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

```
.background{ background-color: rgb(249,  
235, 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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