

Converting Colors

CIELCh(94, 19.920, 95.297)

Have a look what the booklet for
CIELCh(94, 19.920, 95.297) contains.

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Color

CIELCh(94, 19.964, 95.483)

Conversions

Conversions Part 1

Format	Color
Hex	FAEEC8
RGB	250, 238, 200
RGB Percent	98%, 93%, 78%
CMY	0.0214, 0.0684, 0.2174
CMYK	0.00, 0.05, 0.20, 0.02
HSL	46°, 82%, 88%
HSV	46°, 20%, 98%
XYZ	80.0737, 85.2715, 66.6115
YIQ	237.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

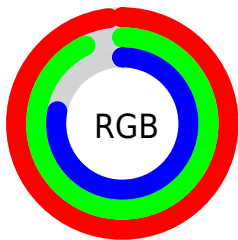
Format	Color
RYP	216, 250, 200
Decimal	16445128
CIELab	94.00, -1.91, 19.87
CIElCh	94, 19.964, 95.483
Yxy	85.2715, 0.3452, 0.3676
Android (android.graphics.Color)	4294635208 (0xFFFAEEC8)
YUV	237.2560, -18.3672, 11.1765
Hunter-Lab	92.3426, -6.8154, 21.8709

Details

The CIELCh color **94, 19.964, 95.483** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 20.276, 280.625**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.854, 95.390** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.063, 94.237**, and if you desaturate by 10%, it is **96, 9.938, 96.700**.

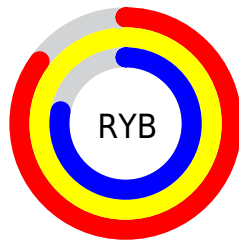
Distribution



Red (98%)

Green (93%)

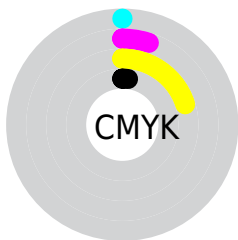
Blue (78%)



Red (85%)

Yellow (98%)

Blue (78%)

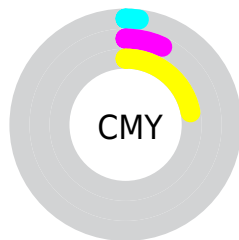


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.964, 95.483 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, 19.964, 95.483 by changing the saturation by 10% instead.

 94, 19.964, 95.483

 94, 19.964, 95.483

 100, 19.964,
95.483

 84, 19.964, 95.483

 74, 19.964, 95.483

 64, 19.964, 95.483

 54, 19.964, 95.483

 44, 19.964, 95.483

 34, 19.964, 95.483

 24, 19.964, 95.483

 14, 19.964, 95.483

 4, 19.964, 95.483

94, 19.964, 95.483

94, 19.964, 95.483

92, 30.063, 94.237

96, 9.938, 96.700

90, 40.155, 92.951

98, 0.017, 85.404

88, 50.102, 91.636

100, 1.896,
199.635

87, 59.650, 90.292

85, 68.370, 88.903

83, 75.588, 87.430

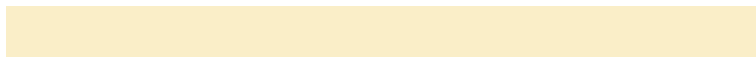
82, 80.452, 85.797

80, 82.621, 83.932

Harmonies

Complementary

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



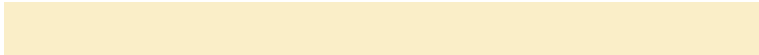
94, 19.964, 95.483



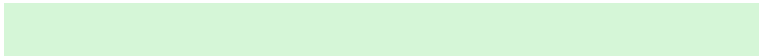
85, 20.276, 280.625

Rectangle

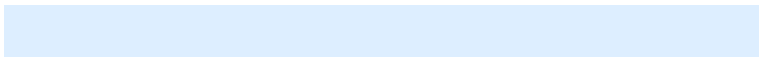
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 19.964, 95.483



94, 19.964, 145.483



94, 19.964, 275.483



94, 19.964, 325.483

Sweetspot

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



94, 19.966, 95.490



99, 6.032, 97.165



85, 19.622, 1.581



53, 4.004, 97.091



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, 19.966, 95.490



95, 24.396, 94.993



96, 25.804, 118.644



51, 5.638, 96.763



62, 67.067, 84.305



20, 28.506, 86.774

Inverse Universe

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



85, 20.276, 280.625



84, 24.858, 281.273



83, 26.894, 301.327



49, 5.686, 279.107



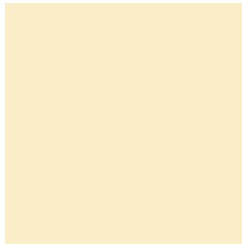
28, 89.220, 301.055



6, 34.598, 295.606

Previews

White Background



This preview shows how the CIELCh color 94, 19.964, 95.483 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, 19.964, 95.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

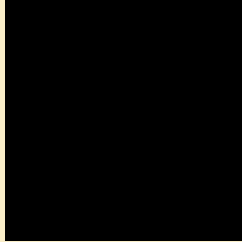
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 19.964, 95.483

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.964, 95.483.

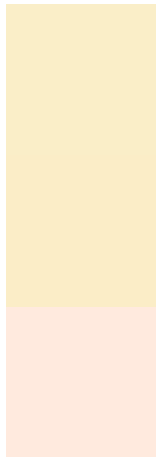


This preview shows how white text looks on a background with the CIELCh color 94, 19.964, 95.483.

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, 19.964, 95.483

Protanopia

94, 20.170, 93.361

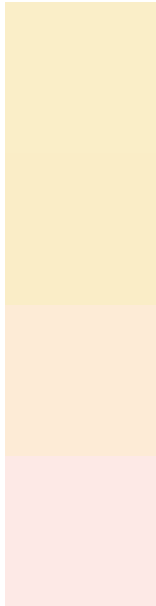
Deuteranopia

94, 9.870, 58.224



Tritanopia
94, 12.223, 334.562

Trichromacy



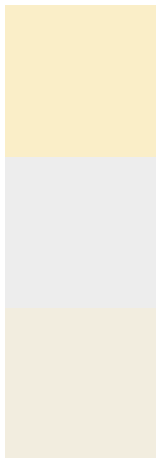
Original Color
94, 19.964, 95.483

Protanomaly
94, 20.071, 94.412

Deuteranomaly
94, 12.681, 77.474

Tritanomaly
94, 7.403, 31.780

Monochromacy



Original Color
94, 19.964, 95.483

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 7.395, 95.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.964, 95.483 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(250, 238, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 200)  
}
```

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(250, 238, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.964, 95.483 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(250, 238, 200) }
```

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

```
.border{ border-color:rgb(250, 238, 200) }
```

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

Here you see how a box with a 4 pixel rgb(250, 238, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.964, 95.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 200) }
```

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

```
.background{ background-color: rgb(250,  
238, 200) }
```

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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