

Converting Colors

CIELCh(96, 36.495, 88.954)

Have a look what the booklet for
CIELCh(96, 36.495, 88.954) contains.

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Color

CIELCh(95, 34.975, 98.401)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2AD
RGB	255, 242, 173
RGB Percent	100%, 95%, 68%
CMY	0.0000, 0.0528, 0.3196
CMYK	0.00, 0.05, 0.32, 0.00
HSL	50°, 100%, 84%
HSV	50°, 32%, 100%
XYZ	80.6387, 87.6183, 52.4492
YIQ	238.0210, 29.8970, -18.7030

Conversions

Conversions Part 2

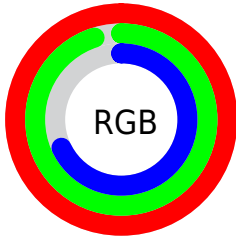
Format	Color
RYB	188, 255, 173
Decimal	16773805
CIELab	95.00, -5.11, 34.60
CIELCh	95, 34.975, 98.401
Yxy	87.6183, 0.3654, 0.3970
Android (android.graphics.Color)	4294963885 (0xFFFFF2AD)
YUV	238.0210, -32.0554, 14.8906
Hunter-Lab	93.6047, -10.0336, 32.3015

Details

The CIELCh color **95, 34.975, 98.401** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 36.639, 286.951**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **75, 35.319, 99.294** is the 20% darker color. If you saturate the color by 10%, you get **94, 45.736, 97.561**, and if you desaturate by 10%, it is **96, 24.009, 99.920**.

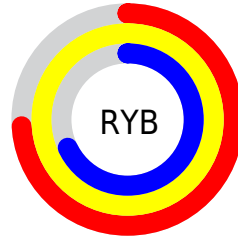
Distribution



Red (100%)

Green (95%)

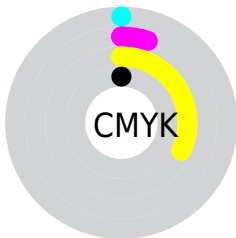
Blue (68%)



Red (74%)

Yellow (100%)

Blue (68%)

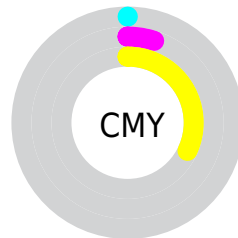


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 34.975, 98.401 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 95, 34.975, 98.401 by changing the saturation by 10% instead.

 95, 34.975, 98.401

 95, 34.975, 98.401

 100, 34.975,
98.401

 85, 34.975, 98.401

 75, 34.975, 98.401

 65, 34.975, 98.401

 55, 34.975, 98.401

 45, 34.975, 98.401

 35, 34.975, 98.401

 25, 34.975, 98.401

 15, 34.975, 98.401

 5, 34.975, 98.401

95, 34.975, 98.401

95, 34.975, 98.401

94, 45.736, 97.561

96, 24.009, 99.920

92, 56.195, 96.368

98, 13.049,
101.065

91, 65.996, 95.180

100, 2.124,
102.118

90, 74.624, 93.997

100, 0.012,
296.813

88, 81.355, 92.811

87, 85.425, 91.588

86, 86.763, 90.551

Harmonies

Complementary

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



95, 34.975, 98.401



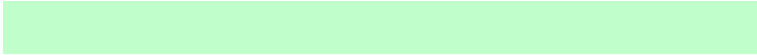
77, 36.639, 286.951

Rectangle

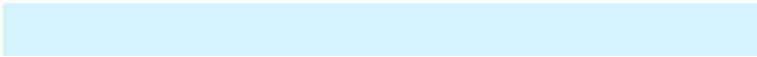
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 34.975, 98.401



95, 34.975, 148.401



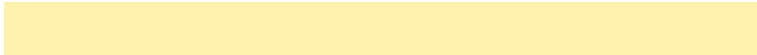
95, 34.975, 278.401



95, 34.975, 328.401

Sweetspot

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



95, 34.942, 98.748



98, 10.902, 101.284



79, 32.047, 9.461



52, 7.441, 101.127



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

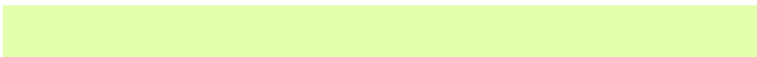
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 34.942, 98.748



94, 41.487, 98.032



96, 42.252, 121.264



52, 6.197, 101.340



67, 69.988, 90.791



22, 31.250, 92.526

Inverse Universe

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



77, 36.639, 286.951



73, 44.024, 288.096



76, 44.978, 305.137



49, 6.284, 283.545



26, 97.801, 303.535



5, 38.863, 298.537

Previews

White Background



This preview shows how the CIELCh color 95, 34.975, 98.401 looks on a white background.

Color Contrast Check

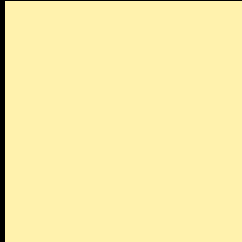
Large Text (above 18pt) WCAG AA × Fail

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 95, 34.975, 98.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

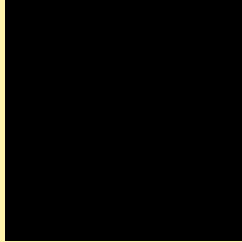
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 34.975, 98.401

Background



This preview shows how black text looks on a background with the CIELCh color 95, 34.975, 98.401.

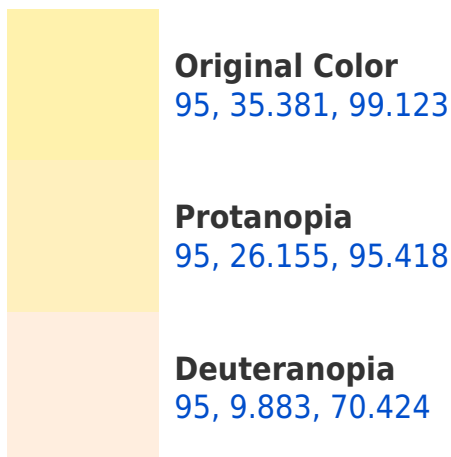



This preview shows how white text looks on a background with the CIELCh color 95, 34.975, 98.401.

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](#).

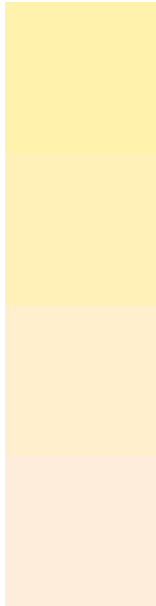
Dichromacy





Tritanopia
95, 9.093, 341.628

Trichromacy



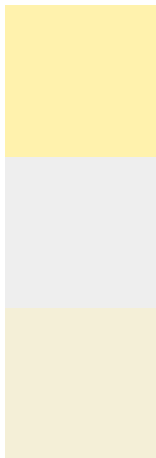
Original Color
95, 35.381, 99.123

Protanomaly
95, 29.526, 97.300

Deuteranomaly
95, 18.405, 89.677

Tritanomaly
95, 10.942, 72.148

Monochromacy



Original Color
95, 35.381, 99.123

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 12.418, 100.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 34.975, 98.401 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, 242, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 173)  
}
```

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, 242, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 34.975, 98.401 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, 242, 173) }
```

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

```
.border{ border-color:rgb(255, 242, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 34.975, 98.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 173) }
```

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

```
.background{ background-color: rgb(255,  
242, 173) }
```

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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