

Converting Colors

CIELCh(95, 22.456, 98.684)

Have a look what the booklet for
CIELCh(95, 22.456, 98.684) contains.

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Color

CIELCh(95, 22.262, 98.634)

Conversions

Conversions Part 1

Format	Color
Hex	FBF1C6
RGB	251, 241, 198
RGB Percent	98%, 95%, 78%
CMY	0.0151, 0.0543, 0.2230
CMYK	0.00, 0.04, 0.21, 0.02
HSL	49°, 87%, 88%
HSV	49°, 21%, 98%
XYZ	81.5456, 87.6183, 66.1266
YIQ	239.0880, 19.7630, -11.2530

Conversions

Conversions Part 2

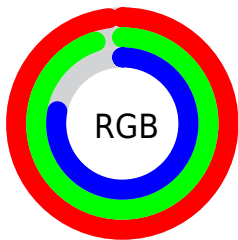
Format	Color
R_{YB}	210, 251, 198
Decimal	16511430
CIE Lab	95.00, -3.34, 22.01
CIE LCh	95, 22.262, 98.634
Yxy	87.6183, 0.3466, 0.3724
Android (android.graphics.Color)	4294701510 (0xFFFFBF1C6)
YUV	239.0880, -20.2564, 10.4468
Hunter-Lab	93.6047, -8.3042, 23.6381

Details

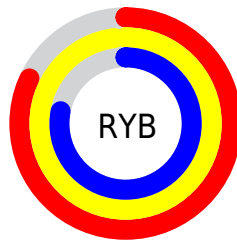
The CIELCh color **95, 22.262, 98.634** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 22.839, 283.864**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 22.251, 98.653** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.857, 97.443**, and if you desaturate by 10%, it is **97, 11.676, 99.805**.

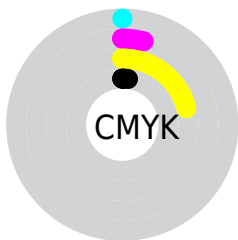
Distribution



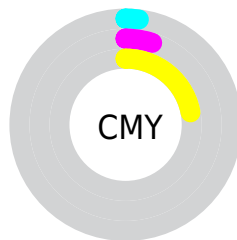
- Red (98%)
- Green (95%)
- Blue (78%)



- Red (82%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 22.262, 98.634 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, 22.262, 98.634 by changing the saturation by 10% instead.

 95, 22.262, 98.634

 95, 22.262, 98.634

 100, 22.262,
98.634

 85, 22.262, 98.634

 75, 22.262, 98.634

 65, 22.262, 98.634

 55, 22.262, 98.634

 45, 22.262, 98.634

 35, 22.262, 98.634

 25, 22.262, 98.634

 15, 22.262, 98.634

 5, 22.262, 98.634

95, 22.262, 98.634

95, 22.262, 98.634

93, 32.857, 97.443

97, 11.676, 99.805

92, 43.359, 96.223

98, 1.147, 100.801

90, 53.595, 94.990

100, 1.337,
199.816

89, 63.271, 93.749

87, 71.906, 92.497

86, 78.799, 91.215

85, 83.152, 89.859

84, 84.775, 88.550

Harmonies

Complementary

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



95, 22.262, 98.634



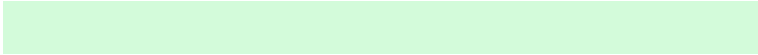
84, 22.839, 283.864

Rectangle

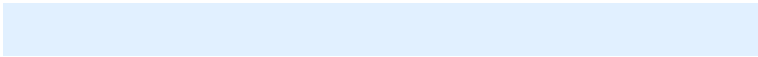
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 22.262, 98.634



95, 22.262, 148.634



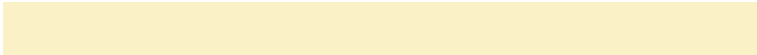
95, 22.262, 278.634



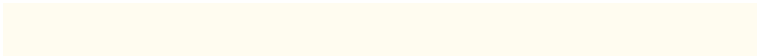
95, 22.262, 328.634

Sweetspot

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



95, 22.264, 98.640



99, 6.370, 100.376



85, 20.507, 5.424



53, 4.227, 100.305



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

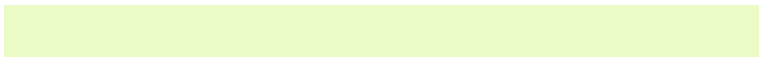
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.264, 98.640



96, 26.721, 98.175



96, 27.535, 120.572



51, 5.948, 99.988



65, 68.492, 88.834



21, 29.581, 90.893

Inverse Universe

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



84, 22.839, 283.864



82, 27.558, 284.487



83, 28.696, 303.171



48, 6.022, 282.233



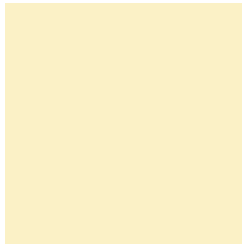
26, 94.579, 302.839



5, 36.400, 297.157

Previews

White Background



This preview shows how the CIE LCh color 95, 22.262, 98.634 looks on a white background.

Color Contrast Check

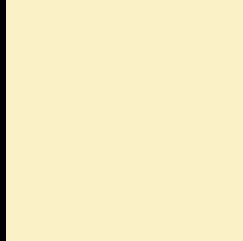
Large Text (above 18pt) WCAG AA × Fail

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, 22.262, 98.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

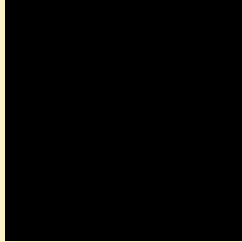
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 22.262, 98.634

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.262, 98.634.



This preview shows how white text looks on a background with the CIELCh color 95, 22.262, 98.634.

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


95, 22.262, 98.634

Protanopia

95, 22.196, 93.584

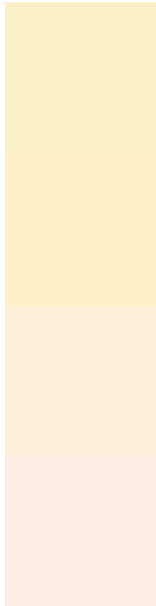
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 10.481, 332.816

Trichromacy



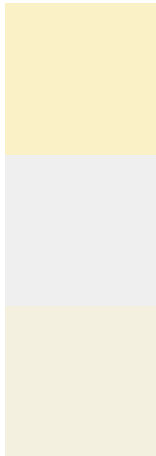
Original Color
95, 22.262, 98.634

Protanomaly
95, 22.099, 94.543

Deuteranomaly
95, 12.542, 83.019

Tritanomaly
95, 6.866, 46.215

Monochromacy



Original Color
95, 22.262, 98.634

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 8.254, 101.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 22.262, 98.634 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(251, 241, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 198)  
}
```

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(251, 241, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 22.262, 98.634 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(251, 241, 198) }
```

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

```
.border{ border-color:rgb(251, 241, 198) }
```

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

Here you see how a box with a 4 pixel rgb(251, 241, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 22.262, 98.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 198) }
```

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

```
.background{ background-color: rgb(251,  
241, 198) }
```

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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