

Converting Colors

CIELCh(100, 40.424, 67.080)

Have a look what the booklet for
CIELCh(100, 40.424, 67.080)
contains.

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Color

CIELCh(95, 30.426, 98.277)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1B6
RGB	254, 241, 182
RGB Percent	100%, 95%, 71%
CMY	0.0027, 0.0536, 0.2849
CMYK	0.00, 0.05, 0.28, 0.00
HSL	49°, 98%, 86%
HSV	49°, 28%, 100%
XYZ	81.0123, 87.6183, 57.0864
YIQ	238.1610, 26.6870, -15.5930

Conversions

Conversions Part 2

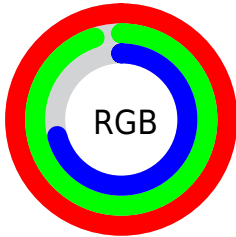
Format	Color
RYB	198, 254, 182
Decimal	16708022
CIELab	95.00, -4.38, 30.11
CIELCh	95, 30.426, 98.277
Yxy	87.6183, 0.3589, 0.3882
Android (android.graphics.Color)	4294898102 (0xFFFEF1B6)
YUV	238.1610, -27.6874, 13.8908
Hunter-Lab	93.6047, -9.3213, 29.3642

Details

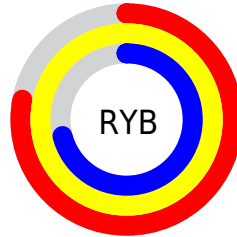
The CIELCh color **95, 30.426, 98.277** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 31.591, 285.497**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **75, 30.276, 97.835** is the 20% darker color. If you saturate the color by 10%, you get **93, 41.142, 97.078**, and if you desaturate by 10%, it is **97, 19.643, 99.463**.

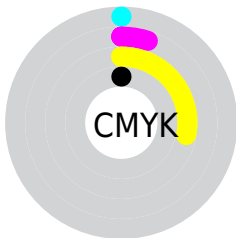
Distribution



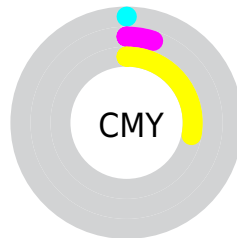
- Red (100%)
- Green (95%)
- Blue (71%)



- Red (78%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 30.426, 98.277 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, 30.426, 98.277 by changing the saturation by 10% instead.

 95, 30.426, 98.277

 95, 30.426, 98.277

 100, 30.426,
98.277

 85, 30.426, 98.277

 75, 30.426, 98.277

 65, 30.426, 98.277

 55, 30.426, 98.277

 45, 30.426, 98.277

 35, 30.426, 98.277

 25, 30.426, 98.277

 15, 30.426, 98.277

 5, 30.426, 98.277

95, 30.426, 98.277

95, 30.426, 98.277

93, 41.142, 97.078

97, 19.643, 99.463

92, 51.632, 95.861

98, 8.874, 100.607

91, 61.637, 94.638

100, 0.242,
202.127

89, 70.724, 93.412

88, 78.244, 92.172

87, 83.395, 90.887

85, 85.671, 89.499

85, 85.917, 89.257

Harmonies

Complementary

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



95, 30.426, 98.277



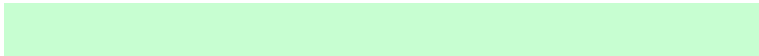
80, 31.591, 285.497

Rectangle

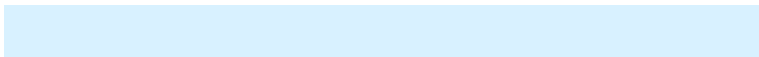
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 30.426, 98.277



95, 30.426, 148.277



95, 30.426, 278.277



95, 30.426, 328.277

Sweetspot

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



95, 30.428, 98.282



99, 8.577, 100.640



81, 28.143, 7.649



52, 6.100, 100.472



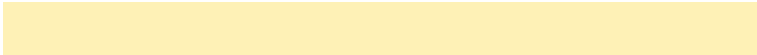
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

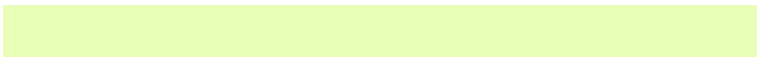
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 30.428, 98.282



94, 36.639, 97.597



97, 37.285, 120.809



52, 6.100, 100.472



66, 69.451, 89.522



22, 30.904, 91.401

Inverse Universe

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



80, 31.591, 285.497



76, 38.409, 286.527



78, 39.423, 304.293



49, 6.179, 282.705



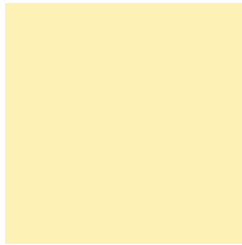
27, 96.399, 303.109



6, 38.355, 298.158

Previews

White Background



This preview shows how the CIE LCh color 95, 30.426, 98.277 looks on a white background.

Color Contrast Check

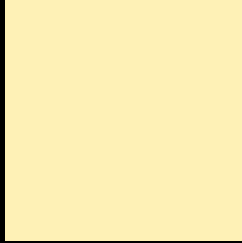
Large Text (above 18pt) WCAG AA × Fail

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, 30.426, 98.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

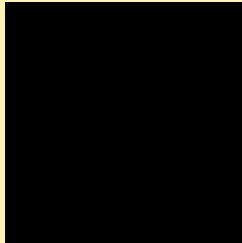
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 30.426, 98.277

Background



This preview shows how black text looks on a background with the CIELCh color 95, 30.426, 98.277.

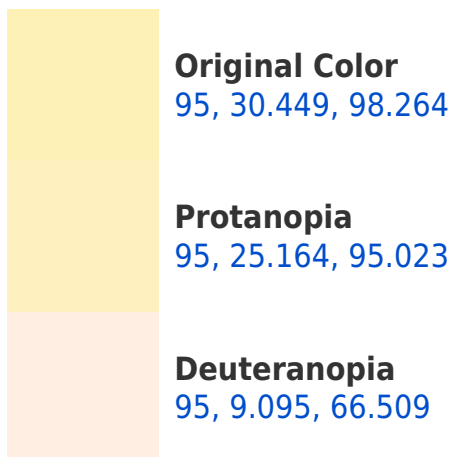


This preview shows how white text looks on a background with the CIELCh color 95, 30.426, 98.277.

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](#).

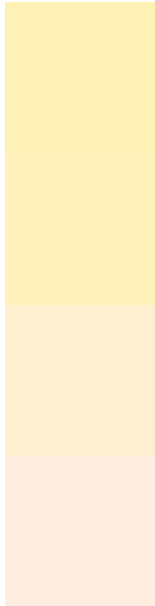
Dichromacy





Tritanopia
95, 9.417, 339.180

Trichromacy



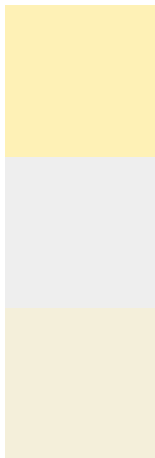
Original Color
95, 30.449, 98.264

Protanomaly
95, 27.146, 95.777

Deuteranomaly
95, 16.474, 87.622

Tritanomaly
95, 9.740, 66.902

Monochromacy



Original Color
95, 30.449, 98.264

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 10.900, 99.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 30.426, 98.277 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(254, 241, 182)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 182)  
}
```

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(254, 241, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 30.426, 98.277 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(254, 241, 182) }
```

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

```
.border{ border-color:rgb(254, 241, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 241, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 241, 182); box-shadow:4px 4px 4px 4px rgb(254, 241, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 30.426, 98.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 182) }
```

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

```
.background{ background-color: rgb(254,  
241, 182) }
```

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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