

Converting Colors

CIELCh(95, 35.191, 106.411)

Have a look what the booklet for
CIELCh(95, 35.191, 106.411)
contains.

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Color

CIELCh(95, 34.960, 106.149)

Conversions

Conversions Part 1

Format	Color
Hex	F6F4AF
RGB	246, 244, 175
RGB Percent	96%, 96%, 69%
CMY	0.0342, 0.0420, 0.3127
CMYK	0.00, 0.01, 0.29, 0.03
HSL	58°, 80%, 83%
HSV	58°, 29%, 97%
XYZ	78.3036, 87.6183, 53.4787
YIQ	236.7320, 23.3410, -21.0350

Conversions

Conversions Part 2

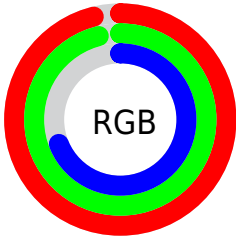
Format	Color
RYB	177, 246, 175
Decimal	16184495
CIELab	95.00, -9.72, 33.58
CIElCh	95, 34.960, 106.149
Yxy	87.6183, 0.3569, 0.3994
Android (android.graphics.Color)	4294374575 (0xFFFF6F4AF)
YUV	236.7320, -30.4339, 8.1280
Hunter-Lab	93.6047, -14.4866, 31.6494

Details

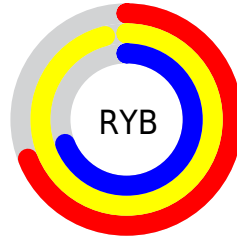
The CIELCh color **95, 34.960, 106.149** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 37.360, 292.653**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **75, 34.940, 106.141** is the 20% darker color. If you saturate the color by 10%, you get **94, 46.716, 105.163**, and if you desaturate by 10%, it is **96, 22.939, 107.157**.

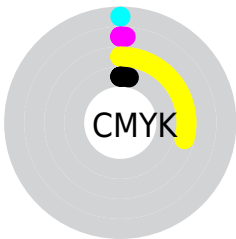
Distribution



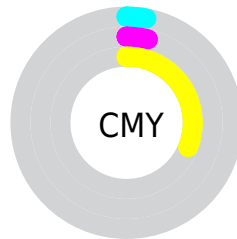
- Red (96%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 34.960, 106.149 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, 34.960, 106.149 by changing the saturation by 10% instead.

95, 34.960,
106.149

95, 34.960,
106.149

100, 34.960,
106.149

85, 34.960,
106.149

75, 34.960,
106.149

65, 34.960,
106.149

55, 34.960,
106.149

45, 34.960,
106.149

35, 34.960,
106.149

25, 34.960,

106.149

■ 15, 34.960,
106.149

■ 5, 34.960, 106.149

■ 95, 34.960,
106.149

■ 95, 34.960,
106.149

■ 94, 46.716,
105.163

■ 96, 22.939,
107.157

■ 94, 57.996,
104.210

■ 96, 10.780,
108.155

■ 94, 68.481,
103.322

■ 97, 1.435, 289.212

■ 97, 4.071, 286.732

■ 93, 77.701,
102.532

■ 98, 3.737, 282.670

■ 93, 85.052,
101.876

■ 98, 3.426, 277.847

■ 98, 3.143, 272.116

■ 93, 89.937,
101.385

■ 98, 2.898, 265.344

■ 92, 92.220,
101.054

■ 98, 2.700, 257.462

■ 92, 92.412,
101.020

Harmonies

Complementary

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



95, 34.960, 106.149



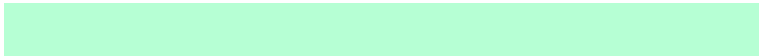
74, 37.360, 292.653

Rectangle

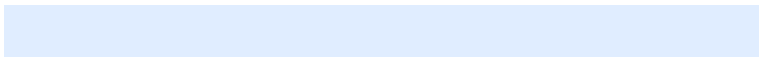
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 34.960, 106.149



95, 34.960, 156.149



95, 34.960, 286.149



95, 34.960, 336.149

Sweetspot

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



95, 34.962, 106.153



99, 11.295, 108.138



78, 27.813, 19.251



53, 7.848, 107.993



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, 34.962, 106.153



98, 43.457, 105.533



93, 38.218, 126.515



51, 6.900, 108.091



72, 74.924, 101.052



23, 32.417, 101.644

Inverse Universe

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



74, 37.360, 292.653



72, 47.262, 293.681



77, 39.925, 309.370



47, 7.047, 290.048



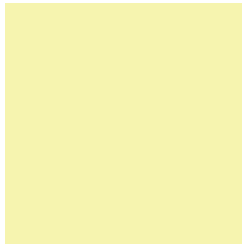
23, 104.350, 305.952



3, 39.122, 299.311

Previews

White Background



This preview shows how the CIE LCh color 95, 34.960, 106.149 looks on a white background.

Color Contrast Check

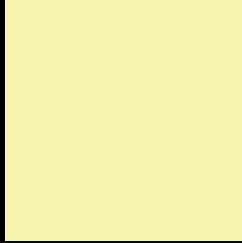
Large Text (above 18pt) WCAG AA × Fail

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, 34.960, 106.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

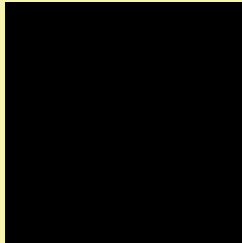
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 34.960, 106.149

Background



This preview shows how black text looks on a background with the CIELCh color 95, 34.960, 106.149.

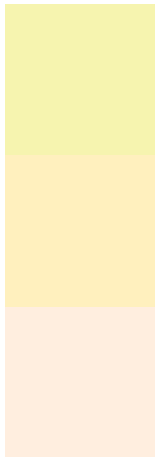


This preview shows how white text looks on a background with the CIELCh color 95, 34.960, 106.149.

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, 34.960, 106.149

Protanopia

95, 26.155, 95.418

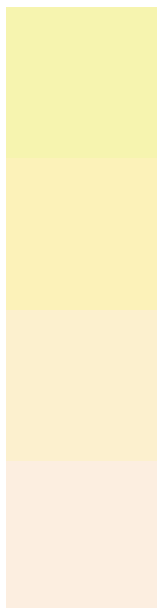
Deuteranopia

95, 9.883, 70.424



Tritanopia
95, 11.254, 329.283

Trichromacy



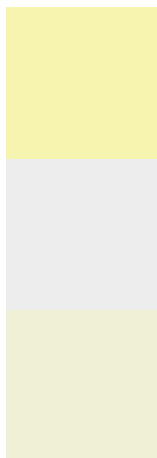
Original Color
95, 34.960, 106.149

Protanomaly
95, 29.251, 100.306

Deuteranomaly
95, 17.946, 94.263

Tritanomaly
95, 8.793, 74.004

Monochromacy



Original Color
95, 34.960, 106.149

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 12.797, 109.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 34.960, 106.149 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(246, 244, 175)` looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 175)  
}
```

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(246, 244, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 34.960, 106.149 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(246, 244, 175) }
```

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

```
.border{ border-color:rgb(246, 244, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 244, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 175);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 34.960, 106.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 244, 175) }
```

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

```
.background{ background-color: rgb(246,  
244, 175) }
```

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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