

Converting Colors

CIELCh(93, 34.065, 106.595)

Have a look what the booklet for
CIELCh(93, 34.065, 106.595)
contains.

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Color

CIElCh(93, 34.081, 106.795)

Conversions

Conversions Part 1

Format	Color
Hex	F0EFAC
RGB	240, 239, 172
RGB Percent	94%, 94%, 67%
CMY	0.0602, 0.0640, 0.3267
CMYK	0.00, 0.00, 0.28, 0.06
HSL	59°, 69%, 81%
HSV	59°, 28%, 94%
XYZ	74.0023, 82.9670, 50.9819
YIQ	231.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

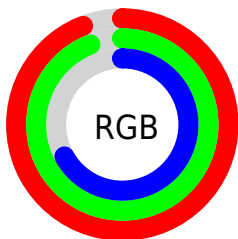
Format	Color
RYB	173, 240, 172
Decimal	15789996
CIELab	93.00, -9.85, 32.63
CIELCh	93, 34.081, 106.795
Yxy	82.9670, 0.3559, 0.3990
Android (android.graphics.Color)	4293980076 (0xFFFF0EFAC)
YUV	231.6610, -29.4129, 7.3133
Hunter-Lab	91.0862, -14.3800, 30.5751

Details

The CIELCh color **93, 34.081, 106.795** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 36.440, 293.101**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **73, 34.055, 106.840** is the 20% darker color. If you saturate the color by 10%, you get **93, 45.724, 105.827**, and if you desaturate by 10%, it is **94, 22.172, 107.787**.

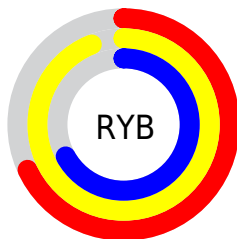
Distribution



Red (94%)

Green (94%)

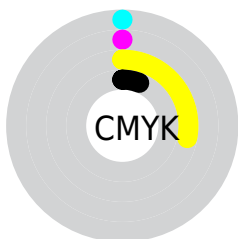
Blue (67%)



Red (68%)

Yellow (94%)

Blue (67%)

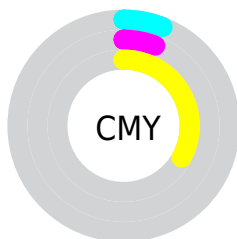


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (6%)



Cyan (6%)


Magenta (6%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 34.081, 106.795 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 93, 34.081, 106.795 by changing the saturation by 10% instead.


 93, 34.081,
106.795


 93, 34.081,
106.795


 100, 34.081,
106.795


 83, 34.081,
106.795

 73, 34.081,
106.795

 63, 34.081,
106.795

 53, 34.081,
106.795

 43, 34.081,
106.795

 33, 34.081,
106.795

 23, 34.081,

106.795

■ 13, 34.081,
106.795

■ 3, 34.081, 106.795

■ 93, 34.081,
106.795

■ 93, 34.081,
106.795

■ 93, 45.724,
105.827

■ 94, 22.172,
107.787

■ 92, 56.895,
104.895

■ 94, 10.119,
108.772

■ 92, 67.285,
104.032

■ 95, 1.994, 289.794

■ 92, 76.443,
103.272

■ 95, 7.677, 289.738

■ 95, 7.497, 288.783

■ 91, 83.790,
102.657

■ 95, 7.320, 287.781

■ 91, 88.754,
102.217

■ 95, 7.145, 286.731

■ 91, 91.168,
101.954

■ 96, 6.972, 285.629

■ 91, 91.451,
101.919

■ 96, 6.802, 284.472

Harmonies

Complementary

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



93, 34.081, 106.795



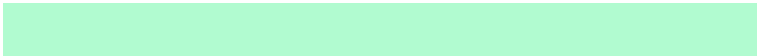
73, 36.440, 293.101

Rectangle

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



93, 34.081, 106.795



93, 34.081, 156.795



93, 34.081, 286.795



93, 34.081, 336.795

Sweetspot

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



93, 34.083, 106.799



99, 11.449, 108.707



77, 26.765, 20.464



53, 7.955, 108.564



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

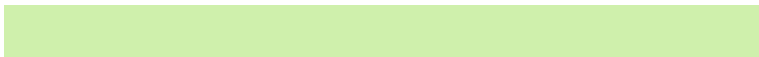
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 34.083, 106.799



98, 42.783, 106.237



91, 36.928, 127.146



50, 6.874, 108.663



72, 74.904, 101.935



22, 31.549, 102.530

Inverse Universe

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



73, 36.440, 293.101



72, 46.501, 294.030



75, 38.486, 309.897



46, 7.025, 290.595



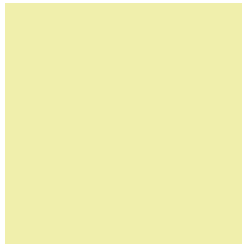
22, 103.883, 306.111



3, 37.425, 298.502

Previews

White Background



This preview shows how the CIE LCh color 93, 34.081, 106.795 looks on a white background.

Color Contrast Check

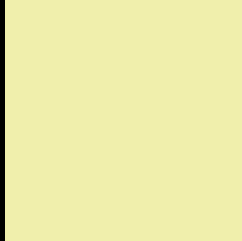
Large Text (above 18pt) WCAG AA × Fail

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 93, 34.081, 106.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

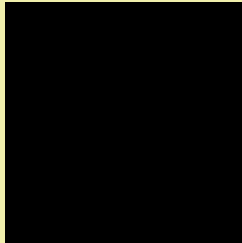
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 34.081, 106.795

Background



This preview shows how black text looks on a background with the CIELCh color 93, 34.081, 106.795.

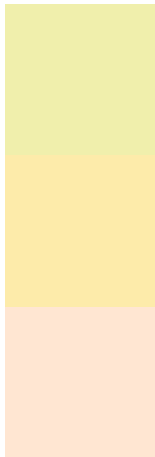


This preview shows how white text looks on a background with the CIELCh color 93, 34.081, 106.795.

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
93, 34.081, 106.795

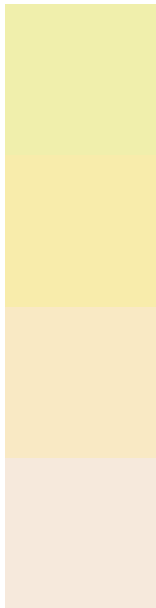
Protanopia
93, 33.953, 95.426

Deuteranopia
93, 13.938, 67.125



Tritanopia
93, 11.709, 327.710

Trichromacy



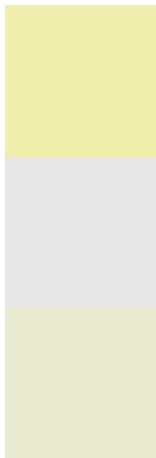
Original Color
93, 34.081, 106.795

Protanomaly
93, 33.491, 99.414

Deuteranomaly
93, 19.964, 90.871

Tritanomaly
93, 8.191, 74.070

Monochromacy



Original Color
93, 34.081, 106.795

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 12.858, 109.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 34.081, 106.795 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(240, 239, 172)` looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 172)  
}
```

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(240, 239, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 34.081, 106.795 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(240, 239, 172) }
```

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

```
.border{ border-color:rgb(240, 239, 172) }
```

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

Here you see how a box with a 4 pixel rgb(240, 239, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 172);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 34.081, 106.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 172) }
```

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

```
.background{ background-color: rgb(240,  
239, 172) }
```

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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