

Converting Colors

CIELCh(93, 36.982, 108.696)

Have a look what the booklet for
CIELCh(93, 36.982, 108.696)
contains.

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Color

CIELCh(93, 37.064, 109.032)

Conversions

Conversions Part 1

Format	Color
Hex	EDF0A7
RGB	237, 240, 167
RGB Percent	93%, 94%, 65%
CMY	0.0713, 0.0595, 0.3458
CMYK	0.01, 0.00, 0.30, 0.06
HSL	62°, 71%, 80%
HSV	62°, 30%, 94%
XYZ	72.9270, 82.9670, 48.6445
YIQ	230.7810, 21.6450, -23.3390

Conversions

Conversions Part 2

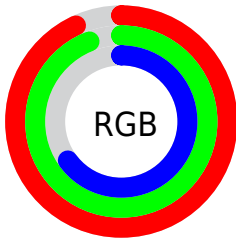
Format	Color
R _Y B	167, 240, 170
Decimal	15593639
CIE Lab	93.00, -12.09, 35.04
CIE LCh	93, 37.064, 109.032
Yxy	82.9670, 0.3565, 0.4056
Android (android.graphics.Color)	4293783719 (0xFFEDF0A7)
YUV	230.7810, -31.4440, 5.4541
Hunter-Lab	91.0862, -16.4873, 32.0966

Details

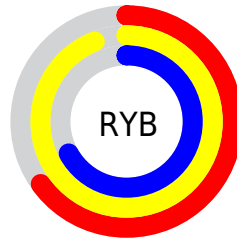
The CIELCh color **93, 37.064, 109.032** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71, 39.937, 295.310**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **73, 37.143, 109.132** is the 20% darker color. If you saturate the color by 10%, you get **93, 48.772, 108.152**, and if you desaturate by 10%, it is **93, 25.035, 109.944**.

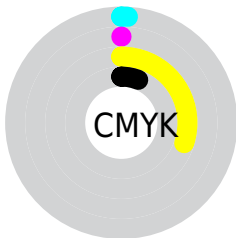
Distribution



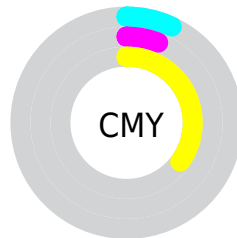
- Red (93%)
- Green (94%)
- Blue (65%)



- Red (65%)
- Yellow (94%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 37.064, 109.032 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, 37.064, 109.032 by changing the saturation by 10% instead.

■ 93, 37.064,
109.032

■ 93, 37.064,
109.032

■ 100, 37.064,
109.032

■ 83, 37.064,
109.032

■ 73, 37.064,
109.032

■ 63, 37.064,
109.032

■ 53, 37.064,
109.032

■ 43, 37.064,
109.032

■ 33, 37.064,
109.032

■ 23, 37.064,

109.032

■ 13, 37.064,
109.032

■ 3, 37.064, 109.032

■ 93, 37.064,
109.032

■ 93, 37.064,
109.032

■ 93, 48.772,
108.152

■ 93, 25.035,
109.944

■ 92, 59.931,
107.322

■ 94, 12.824,
110.855

■ 92, 70.204,
106.583

■ 95, 0.527, 111.656

■ 92, 79.111,
105.982

■ 95, 7.816, 293.172

■ 95, 7.842, 295.657

91, 86.068,
105.571

95, 7.882, 298.125

91, 90.557,
105.397

95, 7.937, 300.568

95, 8.006, 302.978

91, 92.642,
105.440

96, 8.089, 305.346

Harmonies

Complementary

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



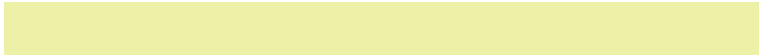
93, 37.064, 109.032



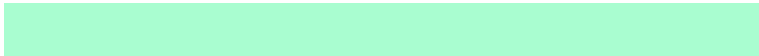
71, 39.937, 295.310

Rectangle

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



93, 37.064, 109.032



93, 37.064, 159.032



93, 37.064, 289.032



93, 37.064, 339.032

Sweetspot

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



93, 37.066, 109.035



99, 11.625, 110.982



76, 28.159, 24.464



53, 8.076, 110.850



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

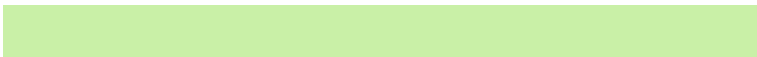
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 37.066, 109.035



98, 47.077, 108.441



91, 40.130, 128.817



50, 6.980, 110.942



72, 75.824, 105.397



22, 31.953, 105.594

Inverse Universe

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



71, 39.937, 295.310



70, 51.758, 296.331



74, 41.749, 311.662



46, 7.137, 292.718



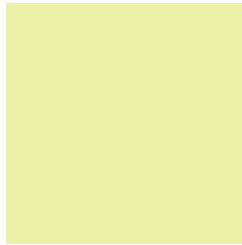
22, 104.346, 306.410



3, 37.909, 299.714

Previews

White Background



This preview shows how the CIELCh color 93, 37.064, 109.032 looks on a white background.

Color Contrast Check

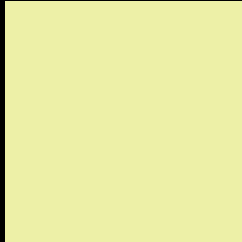
Large Text (above 18pt) WCAG AA × Fail

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, 37.064, 109.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

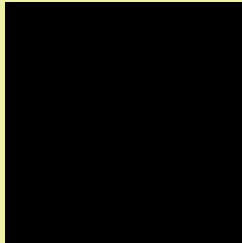
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

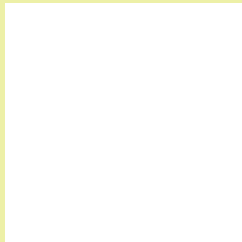
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 37.064, 109.032

Background



This preview shows how black text looks on a background with the CIELCh color 93, 37.064, 109.032.

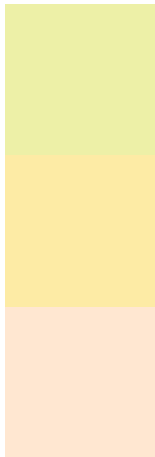


This preview shows how white text looks on a background with the CIELCh color 93, 37.064, 109.032.

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, 37.064, 109.032

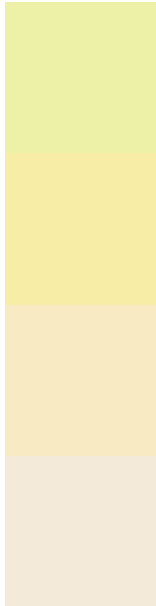
Protanopia
93, 36.416, 95.982

Deuteranopia
93, 14.481, 70.819



Tritanopia
93, 11.095, 323.295

Trichromacy



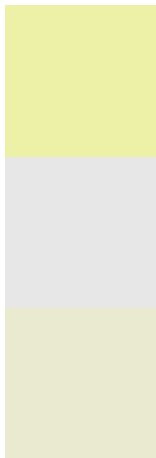
Original Color
93, 37.064, 109.032

Protanomaly
93, 36.343, 101.036

Deuteranomaly
93, 21.211, 93.936

Tritanomaly
93, 8.846, 87.600

Monochromacy



Original Color
93, 37.064, 109.032

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 13.380, 110.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 37.064, 109.032 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(237, 240, 167)` looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 167)  
}
```

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(237, 240, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 37.064, 109.032 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(237, 240, 167) }
```

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

```
.border{ border-color:rgb(237, 240, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 167);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 37.064, 109.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 167) }
```

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

```
.background{ background-color: rgb(237,  
240, 167) }
```

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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