

Converting Colors

CIELCh(93, 43.614, 106.681)

Have a look what the booklet for
CIELCh(93, 43.614, 106.681)
contains.

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Color

CIELCh(93, 43.923, 106.663)

Conversions

Conversions Part 1

Format	Color
Hex	F0F099
RGB	240, 240, 153
RGB Percent	94%, 94%, 60%
CMY	0.0597, 0.0597, 0.4008
CMYK	0.00, 0.00, 0.36, 0.06
HSL	60°, 74%, 77%
HSV	60°, 36%, 94%
XYZ	72.6844, 82.9670, 42.2291
YIQ	230.0820, 27.9270, -27.0570

Conversions

Conversions Part 2

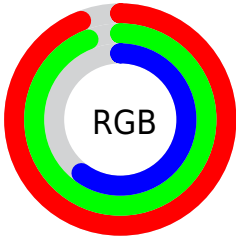
Format	Color
R _Y B	153, 240, 153
Decimal	15790233
CIE Lab	93.00, -12.59, 42.08
CIE LCh	93, 43.923, 106.663
Yxy	82.9670, 0.3673, 0.4193
Android (android.graphics.Color)	4293980313 (0xFFFF0F99)
YUV	230.0820, -38.0014, 8.6981
Hunter-Lab	91.0862, -16.9627, 36.2726

Details

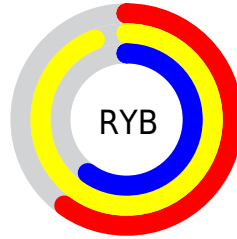
The CIELCh color **93, 43.923, 106.663** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **66, 48.180, 294.946**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **73, 44.114, 106.416** is the 20% darker color. If you saturate the color by 10%, you get **93, 55.339, 105.746**, and if you desaturate by 10%, it is **93, 32.068, 107.625**.

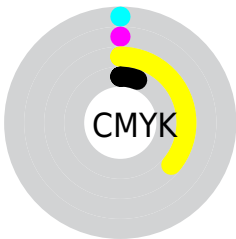
Distribution



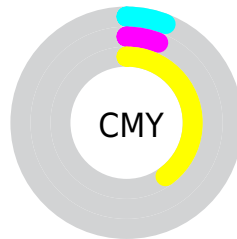
- Red (94%)
- Green (94%)
- Blue (60%)



- Red (60%)
- Yellow (94%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (6%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 43.923, 106.663 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, 43.923, 106.663 by changing the saturation by 10% instead.


 93, 43.923,
106.663


 93, 43.923,
106.663

 100, 43.923,
106.663


 83, 43.923,
106.663

 73, 43.923,
106.663

 63, 43.923,
106.663

 53, 43.923,
106.663

 43, 43.923,
106.663

 33, 43.923,
106.663

 23, 43.923,

106.663

■ 13, 43.923,
106.663

■ 3, 43.923, 106.663

■ 93, 43.923,
106.663

■ 93, 43.923,
106.663

■ 93, 55.339,
105.746

■ 93, 32.068,
107.625

■ 92, 66.023,
104.894

■ 94, 19.956,
108.600

■ 92, 75.553,
104.147

■ 94, 7.711, 109.569

■ 92, 83.374,
103.545

■ 95, 4.591, 290.554

■ 95, 7.824, 290.801

■ 92, 88.908,
103.127

■ 95, 7.824, 290.809

■ 92, 91.837,
102.909

■ 95, 7.824, 290.817

■ 92, 92.500,
102.860

■ 95, 7.824, 290.825

■ 95, 7.824, 290.833

Harmonies

Complementary

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



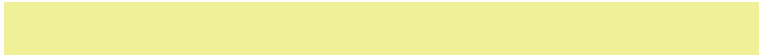
93, 43.923, 106.663



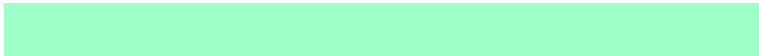
66, 48.180, 294.946

Rectangle

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



93, 43.923, 106.663



93, 43.923, 156.663



93, 43.923, 286.663



93, 43.923, 336.663

Sweetspot

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



93, 43.925, 106.666



99, 14.193, 109.110



72, 35.341, 22.782



53, 9.534, 108.978



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

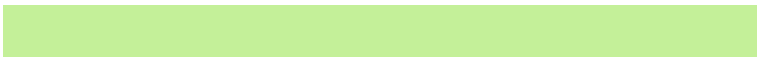
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 43.925, 106.666



98, 55.478, 105.938



90, 47.271, 127.357



50, 6.974, 109.261



72, 75.720, 102.860



23, 31.945, 103.314

Inverse Universe

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



66, 48.180, 294.946



64, 62.475, 296.387



70, 49.801, 310.884



46, 7.131, 291.172



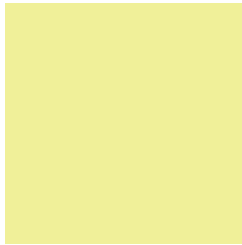
22, 104.555, 306.288



3, 37.810, 298.753

Previews

White Background



This preview shows how the CIELCh color 93, 43.923, 106.663 looks on a white background.

Color Contrast Check

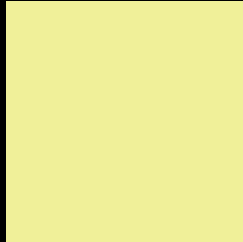
Large Text (above 18pt) WCAG AA × Fail

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, 43.923, 106.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

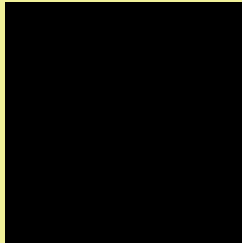
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 43.923, 106.663

Background



This preview shows how black text looks on a background with the CIELCh color 93, 43.923, 106.663.

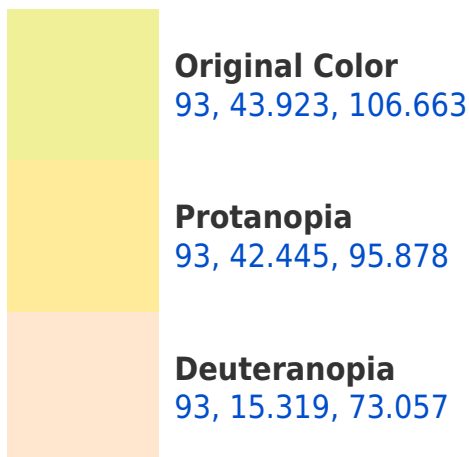


This preview shows how white text looks on a background with the CIELCh color 93, 43.923, 106.663.

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](#).

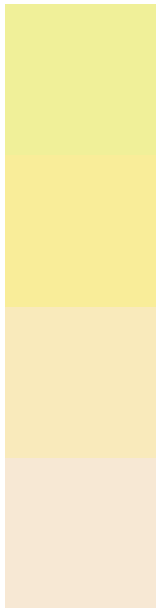
Dichromacy





Tritanopia
93, 12.386, 331.697

Trichromacy



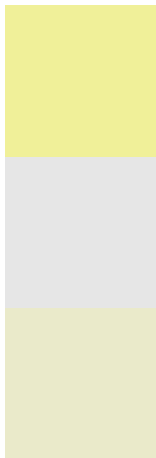
Original Color
93, 43.923, 106.663

Protanomaly
93, 42.832, 100.302

Deuteranomaly
93, 24.786, 94.742

Tritanomaly
93, 11.693, 80.889

Monochromacy



Original Color
93, 43.923, 106.663

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 16.448, 108.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 43.923, 106.663 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, 240, 153)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 153)  
}
```

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, 240, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 43.923, 106.663 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, 240, 153) }
```

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

```
.border{ border-color:rgb(240, 240, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 240, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 240, 153); box-shadow:4px 4px 4px 4px rgb(240, 240, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 43.923, 106.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 153) }
```

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

```
.background{ background-color: rgb(240,  
240, 153) }
```

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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