

Converting Colors

CIELCh(93, 59.437, 105.430)

Have a look what the booklet for
CIELCh(93, 59.437, 105.430)
contains.

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Color

CIELCh(93, 59.437, 105.430)

Conversions

Conversions Part 1

Format	Color
Hex	F1F179
RGB	241, 241, 121
RGB Percent	95%, 95%, 47%
CMY	0.0550, 0.0550, 0.5256
CMYK	0.00, 0.00, 0.50, 0.05
HSL	60°, 81%, 71%
HSV	60°, 50%, 95%
XYZ	71.1599, 82.9670, 30.3433
YIQ	227.3200, 38.5200, -37.3200

Conversions

Conversions Part 2

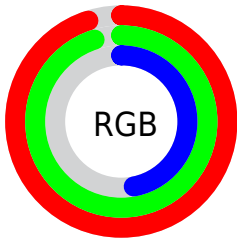
Format	Color
R_{YB}	121, 241, 121
Decimal	15855993
CIE _{Lab}	93.00, -15.81, 57.29
CIE _{LCh}	93, 59.437, 105.430
Yxy	82.9670, 0.3858, 0.4498
Android (android.graphics.Color)	4294046073 (0xFFFF1F179)
YUV	227.3200, -52.4158, 11.9974
Hunter-Lab	91.0862, -19.9502, 44.0093

Details

The CIELCh color **93, 59.437, 105.430** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **56, 68.345, 297.518**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **73, 59.573, 105.230** is the 20% darker color. If you saturate the color by 10%, you get **93, 69.811, 104.613**, and if you desaturate by 10%, it is **93, 48.197, 106.333**.

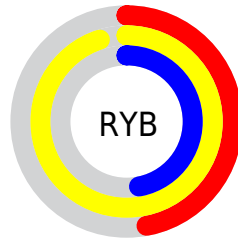
Distribution



Red (95%)

Green (95%)

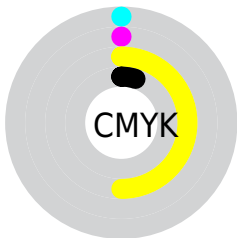
Blue (47%)



Red (47%)

Yellow (95%)

Blue (47%)

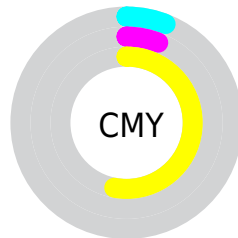


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (5%)



Cyan (6%)


Magenta (6%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 59.437, 105.430 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, 59.437, 105.430 by changing the saturation by 10% instead.


 93, 59.437,
105.430


 93, 59.437,
105.430


 100, 59.437,
105.430


 83, 59.437,
105.430

 73, 59.437,
105.430

 63, 59.437,
105.430

 53, 59.437,
105.430

 43, 59.437,
105.430

 33, 59.437,
105.430

 23, 59.437,

105.430

■ 13, 59.437,
105.430

■ 3, 59.437, 105.430

■ 93, 59.437,
105.430

■ 93, 59.437,
105.430

■ 93, 69.811,
104.613

■ 93, 48.197,
106.333

■ 93, 78.842,
103.912

■ 94, 36.423,
107.282

■ 92, 85.943,
103.371

■ 94, 24.337,
108.253

■ 92, 90.583,
103.024

■ 95, 12.078,
109.228

■ 92, 92.811,
102.859

■ 95, 0.260, 290.485

■ 92, 92.847,
102.857

■ 96, 7.205, 290.747

■ 96, 7.205, 290.752

■ 96, 7.205, 290.756

■ 96, 7.205, 290.761

Harmonies

Complementary

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



93, 59.437, 105.430



56, 68.345, 297.518

Rectangle

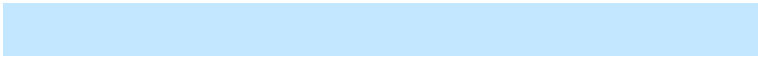
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 59.437, 105.430



93, 59.437, 155.430



93, 59.437, 285.430



93, 59.437, 335.430

Sweetspot

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



93, 59.438, 105.433



99, 19.336, 108.717



65, 50.854, 25.174



53, 13.183, 108.511



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, 59.438, 105.433



98, 73.258, 104.583



89, 64.286, 126.753



50, 6.974, 109.259



72, 75.720, 102.856



23, 31.945, 103.311

Inverse Universe

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



56, 68.345, 297.518



51, 87.887, 299.759



62, 69.248, 311.616



46, 7.131, 291.170



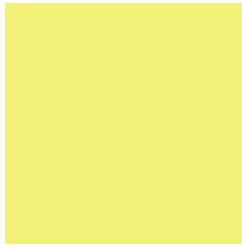
22, 104.555, 306.287



3, 37.809, 298.752

Previews

White Background



This preview shows how the CIELCh color 93, 59.437, 105.430 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, 59.437, 105.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

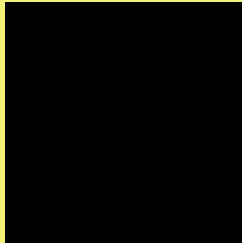
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 59.437, 105.430

Background



This preview shows how black text looks on a background with the CIELCh color 93, 59.437, 105.430.

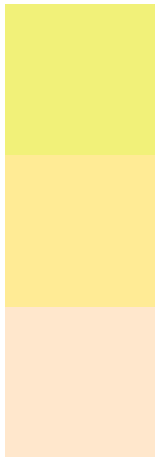


This preview shows how white text looks on a background with the CIELCh color 93, 59.437, 105.430.

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, 59.437, 105.430

Protanopia

93, 44.381, 96.156

Deuteranopia

93, 16.616, 75.966



Tritanopia
93, 13.371, 336.395

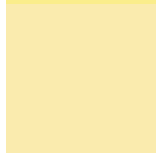
Trichromacy



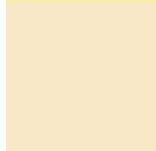
Original Color
93, 59.437, 105.430



Protanomaly
93, 49.631, 100.086



Deuteranomaly
93, 31.727, 96.981

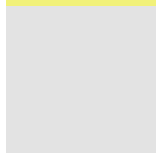


Tritanomaly
93, 17.676, 87.484

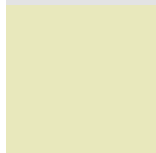
Monochromacy



Original Color
93, 59.437, 105.430



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 22.614, 108.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 59.437, 105.430 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(241, 241, 121)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 121)  
}
```

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(241, 241, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 59.437, 105.430 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(241, 241, 121) }
```

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

```
.border{ border-color:rgb(241, 241, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 121);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 59.437, 105.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 121) }
```

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

```
.background{ background-color: rgb(241,  
241, 121) }
```

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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