

Converting Colors

CIELCh(93, 55.382, 114.217)

Have a look what the booklet for
CIELCh(93, 55.382, 114.217)
contains.

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Color

CIElCh(93, 55.366, 114.144)

Conversions

Conversions Part 1

Format	Color
Hex	E1F587
RGB	225, 245, 135
RGB Percent	88%, 96%, 53%
CMY	0.1181, 0.0397, 0.4710
CMYK	0.08, 0.00, 0.45, 0.04
HSL	71°, 84%, 74%
HSV	71°, 45%, 96%
XYZ	67.9953, 82.9670, 35.3110
YIQ	226.4800, 23.3900, -38.4500

Conversions

Conversions Part 2

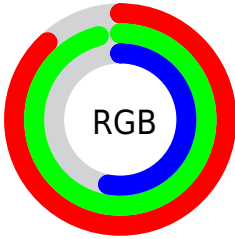
Format	Color
RYB	135, 245, 155
Decimal	14808455
CIELab	93.00, -22.65, 50.52
CIELCh	93, 55.366, 114.144
Yxy	82.9670, 0.3650, 0.4454
Android (android.graphics.Color)	4292998535 (0xFFE1F587)
YUV	226.4800, -45.0996, -1.2980
Hunter-Lab	91.0862, -26.1518, 40.7757

Details

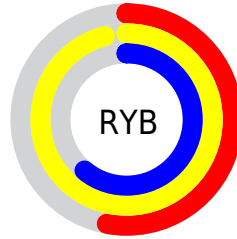
The CIELCh color **93, 55.366, 114.144** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **62, 61.925, 301.644**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 32.709, 107.688**, and **73, 55.581, 114.176** is the 20% darker color. If you saturate the color by 10%, you get **92, 66.526, 113.564**, and if you desaturate by 10%, it is **94, 43.529, 114.812**.

Distribution



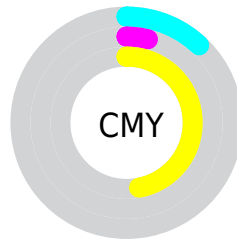
- Red (88%)
- Green (96%)
- Blue (53%)



- Red (53%)
- Yellow (96%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (45%)
- Black (4%)





- Cyan (12%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 55.366, 114.144 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, 55.366, 114.144 by changing the saturation by 10% instead.


 93, 55.366,
114.144


 93, 55.366,
114.144


 100, 55.366,
114.144


 83, 55.366,
114.144

 73, 55.366,
114.144

 63, 55.366,
114.144

 53, 55.366,
114.144

 43, 55.366,
114.144

 33, 55.366,
114.144

 23, 55.366,

114.144

■ 13, 55.366,
114.144

■ 3, 55.366, 114.144

■ 93, 55.366,
114.144

■ 93, 55.366,
114.144

■ 92, 66.526,
113.564

■ 94, 43.529,
114.812

■ 92, 76.609,
113.127

■ 94, 31.281,
115.520

■ 91, 85.079,
112.916

■ 95, 18.799,
116.240

■ 91, 91.346,
113.021

■ 96, 6.201, 116.953

■ 97, 5.252, 299.170

■ 91, 95.017,
113.515

■ 97, 5.710, 314.724

■ 91, 96.121,
113.882

■ 98, 6.298, 324.612

Harmonies

Complementary

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



93, 55.366, 114.144



62, 61.925, 301.644

Rectangle

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



93, 55.366, 114.144



93, 55.366, 164.144



93, 55.366, 294.144



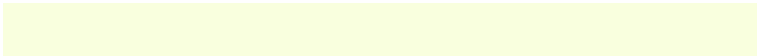
93, 55.366, 344.144

Sweetspot

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



93, 55.368, 114.146



99, 16.936, 116.376



72, 40.313, 36.694



53, 11.845, 116.217



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, 55.368, 114.146



96, 67.710, 113.606



90, 61.979, 132.455



51, 7.167, 116.629



71, 78.185, 113.708



23, 33.667, 112.994

Inverse Universe

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



62, 61.925, 301.644



58, 78.077, 302.844



68, 64.407, 316.601



47, 7.320, 298.000



23, 104.276, 307.109



3, 40.452, 303.838

Previews

White Background



This preview shows how the CIELCh color 93, 55.366, 114.144 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, 55.366, 114.144 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, 55.366, 114.144

Background



This preview shows how black text looks on a background with the CIELCh color 93, 55.366, 114.144.

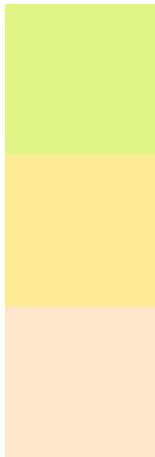


This preview shows how white text looks on a background with the CIELCh color 93, 55.366, 114.144.

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

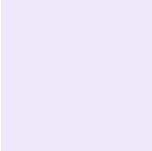
93, 55.366, 114.144

Protanopia

93, 44.381, 96.156

Deuteranopia

93, 16.179, 75.051

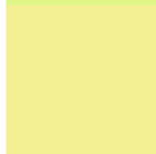


Tritanopia
93, 9.648, 305.455

Trichromacy



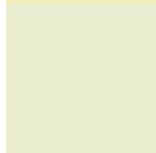
Original Color
93, 55.366, 114.144



Protanomaly
93, 47.868, 103.928



Deuteranomaly
93, 28.787, 101.690

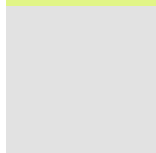


Tritanomaly
93, 14.929, 113.250

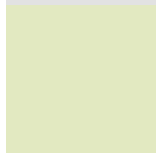
Monochromacy



Original Color
93, 55.366, 114.144



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 20.752, 115.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 55.366, 114.144 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(225, 245, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 135)  
}
```

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(225, 245, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 55.366, 114.144 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(225, 245, 135) }
```

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

```
.border{ border-color:rgb(225, 245, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 55.366, 114.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 135) }
```

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

```
.background{ background-color: rgb(225,  
245, 135) }
```

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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