

Converting Colors

CIELCh(93, 27.207, 114.444)

Have a look what the booklet for
CIELCh(93, 27.207, 114.444)
contains.

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Color

CIELCh(93, 27.227, 114.437)

Conversions

Conversions Part 1

Format	Color
Hex	E8F0BB
RGB	232, 240, 187
RGB Percent	91%, 94%, 73%
CMY	0.0907, 0.0593, 0.2671
CMYK	0.03, 0.00, 0.22, 0.06
HSL	69°, 64%, 84%
HSV	69°, 22%, 94%
XYZ	73.3210, 82.9670, 59.0985
YIQ	231.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

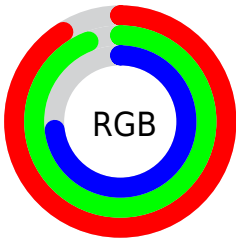
Format	Color
RYB	187, 240, 195
Decimal	15265979
CIELab	93.00, -11.26, 24.79
CIElCh	93, 27.227, 114.437
Yxy	82.9670, 0.3404, 0.3852
Android (android.graphics.Color)	4293456059 (0xFFE8F0BB)
YUV	231.5660, -21.9710, 0.3806
Hunter-Lab	91.0862, -15.7152, 25.2919

Details

The CIELCh color **93, 27.227, 114.437** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 28.620, 298.020**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **73, 26.955, 114.470** is the 20% darker color. If you saturate the color by 10%, you get **92, 39.311, 113.689**, and if you desaturate by 10%, it is **94, 14.953, 115.198**.

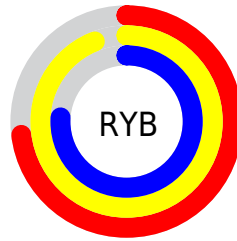
Distribution



Red (91%)

Green (94%)

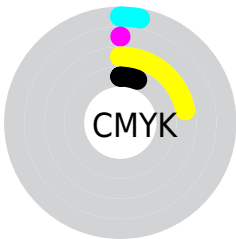
Blue (73%)



Red (73%)

Yellow (94%)

Blue (76%)

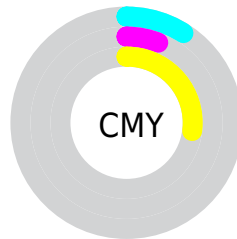


Cyan (3%)

Magenta (0%)

Yellow (22%)

Black (6%)



Cyan (9%)


Magenta (6%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 27.227, 114.437 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, 27.227, 114.437 by changing the saturation by 10% instead.


 93, 27.227,
114.437


 93, 27.227,
114.437


 100, 27.227,
114.437


 83, 27.227,
114.437

 73, 27.227,
114.437

 63, 27.227,
114.437

 53, 27.227,
114.437

 43, 27.227,
114.437

 33, 27.227,
114.437

 23, 27.227,

114.437

■ 13, 27.227,
114.437

■ 3, 27.227, 114.437

■ 93, 27.227,
114.437

■ 93, 27.227,
114.437

■ 92, 39.311,
113.689

■ 94, 14.953,
115.198

■ 92, 51.043,
112.969

■ 95, 2.583, 115.942

■ 91, 62.190,
112.317

■ 95, 7.847, 298.012

■ 91, 72.399,
111.785

■ 96, 8.115, 306.829

■ 96, 8.560, 314.964

■ 90, 81.180,
111.443

■ 96, 9.159, 322.217

■ 90, 87.948,
111.373

■ 96, 9.423, 324.737

■ 90, 92.222,
111.650

■ 89, 94.011,
112.096

Harmonies

Complementary

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



93, 27.227, 114.437



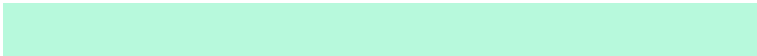
78, 28.620, 298.020

Rectangle

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



93, 27.227, 114.437



93, 27.227, 164.437



93, 27.227, 294.437



93, 27.227, 344.437

Sweetspot

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



93, 27.229, 114.441



99, 9.099, 115.578



82, 17.932, 34.085



53, 5.912, 115.533



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

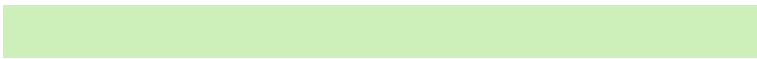
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 27.229, 114.441



98, 34.873, 114.063



91, 30.131, 133.135



50, 7.024, 115.395



70, 76.895, 111.949



22, 32.250, 111.537

Inverse Universe

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



78, 28.620, 298.020



79, 37.121, 298.548



80, 30.741, 315.075



46, 7.176, 296.845



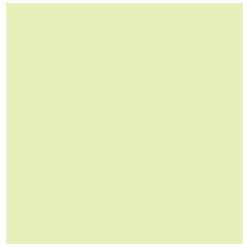
23, 103.544, 306.897



3, 38.225, 302.257

Previews

White Background



This preview shows how the CIELCh color 93, 27.227, 114.437 looks on a white background.

Color Contrast Check

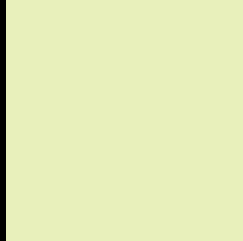
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 27.227, 114.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

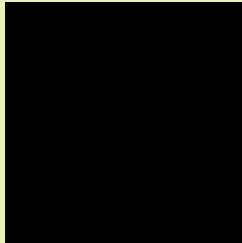
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

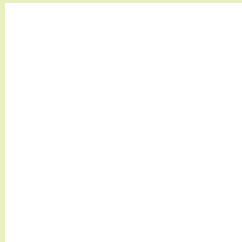
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 27.227, 114.437

Background



This preview shows how black text looks on a background with the CIELCh color 93, 27.227, 114.437.

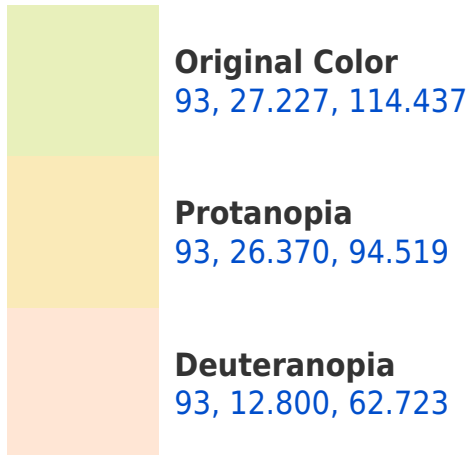


This preview shows how white text looks on a background with the CIELCh color 93, 27.227, 114.437.

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](#).

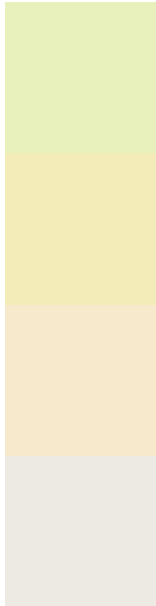
Dichromacy





Tritanopia
93, 10.350, 308.481

Trichromacy



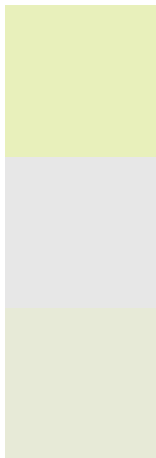
Original Color
93, 27.227, 114.437

Protanomaly
93, 26.227, 102.184

Deuteranomaly
93, 16.160, 91.337

Tritanomaly
93, 3.744, 93.121

Monochromacy



Original Color
93, 27.227, 114.437

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 9.850, 115.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 27.227, 114.437 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(232, 240, 187)` looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 187)  
}
```

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(232, 240, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 27.227, 114.437 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(232, 240, 187) }
```

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

```
.border{ border-color:rgb(232, 240, 187) }
```

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

Here you see how a box with a 4 pixel rgb(232, 240, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 240, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 240, 187);  
box-shadow:4px 4px 4px 4px rgb(232, 240,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 27.227, 114.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 187) }
```

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

```
.background{ background-color: rgb(232,  
240, 187) }
```

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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