

Converting Colors

CIELCh(93, 21.529, 114.060)

Have a look what the booklet for
CIELCh(93, 21.529, 114.060)
contains.

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Color

CIElCh(93, 21.617, 114.446)

Conversions

Conversions Part 1

Format	Color
Hex	E9EFC5
RGB	233, 239, 197
RGB Percent	91%, 94%, 77%
CMY	0.0869, 0.0633, 0.2280
CMYK	0.03, 0.00, 0.18, 0.06
HSL	69°, 57%, 85%
HSV	69°, 18%, 94%
XYZ	74.4384, 82.9670, 64.8262
YIQ	232.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

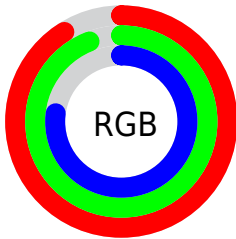
Format	Color
RYB	197, 239, 203
Decimal	15331269
CIELab	93.00, -8.95, 19.68
CIELCh	93, 21.617, 114.446
Yxy	82.9670, 0.3350, 0.3733
Android (android.graphics.Color)	4293521349 (0xFFE9EFC5)
YUV	232.4180, -17.4611, 0.5104
Hunter-Lab	91.0862, -13.5254, 21.5636

Details

The CIELCh color **93, 21.617, 114.446** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 22.484, 297.283**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **73, 21.624, 114.443** is the 20% darker color. If you saturate the color by 10%, you get **92, 33.752, 113.683**, and if you desaturate by 10%, it is **94, 9.342, 115.214**.

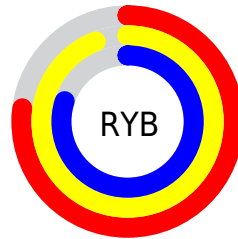
Distribution



Red (91%)

Green (94%)

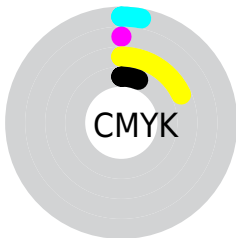
Blue (77%)



Red (77%)

Yellow (94%)

Blue (80%)

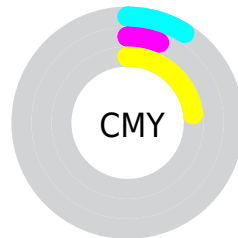


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (9%)


Magenta (6%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 21.617, 114.446 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, 21.617, 114.446 by changing the saturation by 10% instead.


 93, 21.617,
114.446


 93, 21.617,
114.446


 100, 21.617,
114.446


 83, 21.617,
114.446

 73, 21.617,
114.446

 63, 21.617,
114.446

 53, 21.617,
114.446

 43, 21.617,
114.446

 33, 21.617,
114.446

 23, 21.617,

114.446

■ 13, 21.617,
114.446

■ 3, 21.617, 114.446

■ 93, 21.617,
114.446

■ 93, 21.617,
114.446

■ 92, 33.752,
113.683

■ 94, 9.342, 115.214

■ 95, 2.994, 295.967

■ 92, 45.613,
112.935

■ 95, 8.453, 300.782

■ 91, 57.009,
112.236

■ 95, 8.748, 308.434

■ 91, 67.645,
111.630

■ 96, 9.186, 315.519

■ 96, 9.752, 321.913

■ 90, 77.093,
111.179

■ 96, 10.067,
324.761

■ 90, 84.800,
110.957

■ 90, 90.202,
111.046

■ 89, 93.067,
111.488

■ 89, 93.561,
111.622

Harmonies

Complementary

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



93, 21.617, 114.446



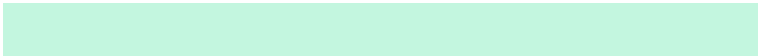
81, 22.484, 297.283

Rectangle

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



93, 21.617, 114.446



93, 21.617, 164.446



93, 21.617, 294.446



93, 21.617, 344.446

Sweetspot

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



93, 21.619, 114.450



100, 6.494, 115.408



84, 14.128, 32.312



53, 4.431, 115.355



0, 0.000, 0.000



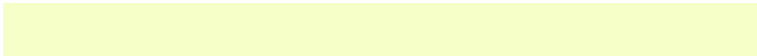
53, 0.007, 296.813

Same Dimension

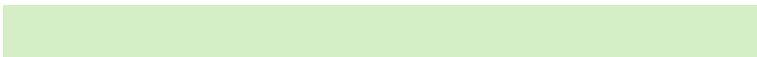
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 21.619, 114.450



98, 27.189, 114.182



92, 23.775, 132.817



50, 7.019, 115.071



70, 76.780, 111.484



22, 32.216, 111.112

Inverse Universe

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



81, 22.484, 297.283



83, 28.513, 297.631



83, 24.181, 314.330



46, 7.172, 296.543



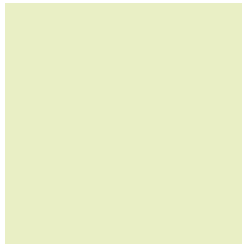
23, 103.625, 306.846



3, 38.199, 302.072

Previews

White Background



This preview shows how the CIELCh color 93, 21.617, 114.446 looks on a white background.

Color Contrast Check

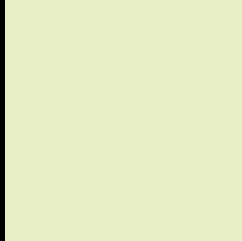
Large Text (above 18pt) WCAG AA × Fail

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, 21.617, 114.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

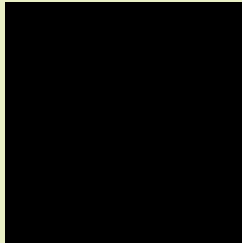
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

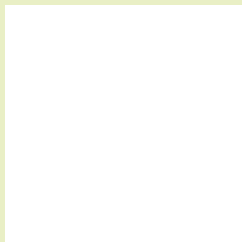
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 21.617, 114.446

Background



This preview shows how black text looks on a background with the CIELCh color 93, 21.617, 114.446.

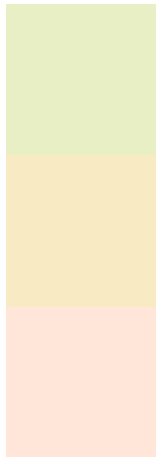


This preview shows how white text looks on a background with the CIELCh color 93, 21.617, 114.446.

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, 21.617, 114.446

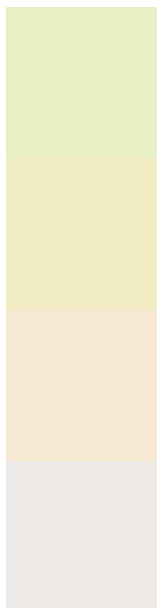
Protanopia
93, 20.715, 93.642

Deuteranopia
93, 11.756, 57.476



Tritanopia
93, 10.350, 308.481

Trichromacy



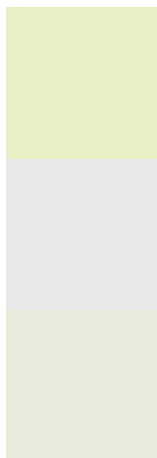
Original Color
93, 21.617, 114.446

Protanomaly
93, 20.620, 102.205

Deuteranomaly
93, 13.392, 86.224

Tritanomaly
93, 1.863, 74.889

Monochromacy



Original Color
93, 21.617, 114.446

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.760, 114.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 21.617, 114.446 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(233, 239, 197)` looks like.

```
.text, #text, p{  
    color:rgb(233, 239, 197)  
}
```

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(233, 239, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 239, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 21.617, 114.446 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(233, 239, 197) }
```

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

```
.border{ border-color:rgb(233, 239, 197) }
```

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

Here you see how a box with a 4 pixel rgb(233, 239, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 239, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 239, 197);  
box-shadow:4px 4px 4px 4px rgb(233, 239,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 21.617, 114.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 239, 197) }
```

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

```
.background{ background-color: rgb(233,  
239, 197) }
```

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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