

Converting Colors

CIELCh(93, 20.721, 112.721)

Have a look what the booklet for
CIELCh(93, 20.721, 112.721)
contains.

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Color

CIELCh(93, 20.545, 112.732)

Conversions

Conversions Part 1

Format	Color
Hex	EAEEC6
RGB	234, 238, 198
RGB Percent	92%, 93%, 78%
CMY	0.0811, 0.0654, 0.2223
CMYK	0.02, 0.00, 0.17, 0.07
HSL	66°, 55%, 86%
HSV	66°, 17%, 93%
XYZ	74.9273, 82.9670, 65.6736
YIQ	232.2440, 10.4560, -13.2880

Conversions

Conversions Part 2

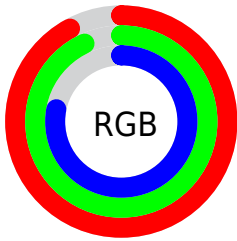
Format	Color
RYB	198, 238, 202
Decimal	15396550
CIELab	93.00, -7.94, 18.95
CIELCh	93, 20.545, 112.732
Yxy	82.9670, 0.3351, 0.3711
Android (android.graphics.Color)	4293586630 (0xFFEAEEC6)
YUV	232.2440, -16.8823, 1.5400
Hunter-Lab	91.0862, -12.5673, 21.0120

Details

The CIELCh color **93, 20.545, 112.732** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 21.346, 295.654**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 20.501, 112.646** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.630, 111.911**, and if you desaturate by 10%, it is **94, 8.325, 113.558**.

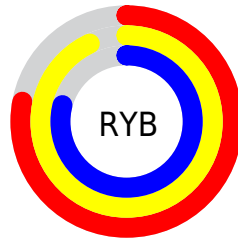
Distribution



Red (92%)

Green (93%)

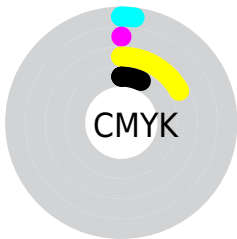
Blue (78%)



Red (78%)

Yellow (93%)

Blue (79%)

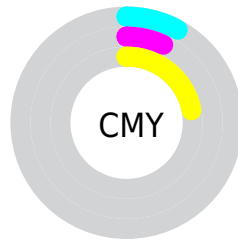


Cyan (2%)

Magenta (0%)

Yellow (17%)

Black (7%)



Cyan (8%)


Magenta (7%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 20.545, 112.732 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, 20.545, 112.732 by changing the saturation by 10% instead.


 93, 20.545,
112.732


 93, 20.545,
112.732


 100, 20.545,
112.732


 83, 20.545,
112.732

 73, 20.545,
112.732

 63, 20.545,
112.732

 53, 20.545,
112.732

 43, 20.545,
112.732

 33, 20.545,
112.732

 23, 20.545,

112.732

■ 13, 20.545,
112.732

■ 3, 20.545, 112.732

■ 93, 20.545,
112.732

■ 93, 20.545,
112.732

■ 92, 32.630,
111.911

■ 94, 8.325, 113.558

■ 94, 3.955, 294.375

■ 92, 44.451,
111.102

■ 95, 8.669, 298.034

■ 91, 55.823,
110.337

■ 95, 8.819, 303.350

■ 91, 66.457,
109.657

■ 95, 9.042, 308.469

■ 95, 9.333, 313.328

■ 91, 75.936,
109.113

■ 96, 9.687, 317.883

■ 90, 83.710,
108.773

■ 96, 10.098,
322.113

■ 90, 89.207,
108.703

■ 96, 10.403,
324.774

■ 90, 92.134,
108.946

■ 90, 92.751,
109.063

Harmonies

Complementary

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



93, 20.545, 112.732



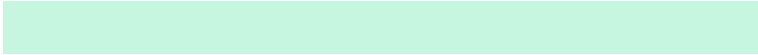
81, 21.346, 295.654

Rectangle

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



93, 20.545, 112.732



93, 20.545, 162.732



93, 20.545, 292.732



93, 20.545, 342.732

Sweetspot

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



93, 20.547, 112.737



100, 6.475, 113.701



84, 13.786, 29.090



53, 4.418, 113.644



0, 0.000, 0.000



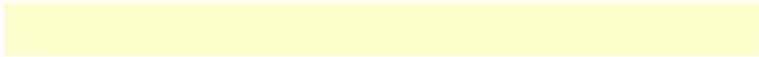
53, 0.007, 296.813

Same Dimension

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



93, 20.547, 112.737



99, 25.823, 112.465



92, 22.453, 131.754



50, 6.998, 113.339



71, 76.261, 108.964



22, 32.064, 108.817

Inverse Universe

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



81, 21.346, 295.654



84, 27.040, 296.006



83, 22.858, 313.201



46, 7.154, 294.934



22, 103.995, 306.619



3, 38.069, 301.083

Previews

White Background



This preview shows how the CIELCh color 93, 20.545, 112.732 looks on a white background.

Color Contrast Check

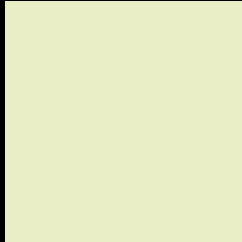
Large Text (above 18pt) WCAG AA × Fail

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, 20.545, 112.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

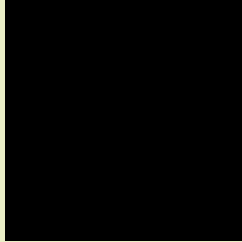
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

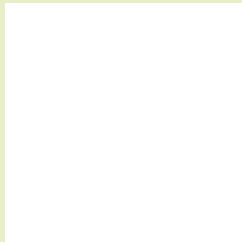
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 20.545, 112.732

Background



This preview shows how black text looks on a background with the CIELCh color 93, 20.545, 112.732.

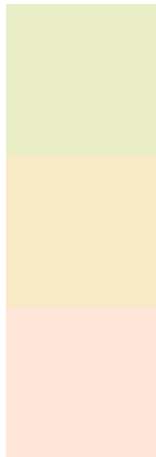


This preview shows how white text looks on a background with the CIELCh color 93, 20.545, 112.732.

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

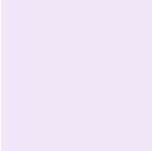
93, 20.545, 112.732

Protanopia

93, 20.219, 93.330

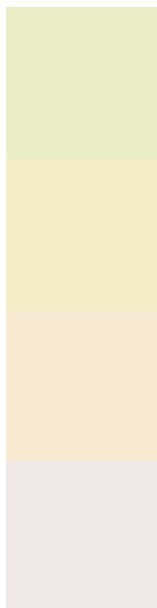
Deuteranopia

93, 11.433, 55.515



Tritanopia
93, 9.978, 311.279

Trichromacy



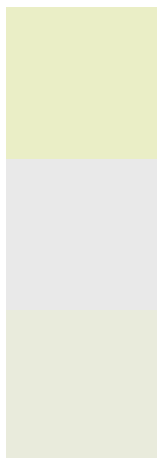
Original Color
93, 20.545, 112.732

Protanomaly
93, 20.158, 101.022

Deuteranomaly
93, 12.916, 85.407

Tritanomaly
93, 2.346, 60.309

Monochromacy



Original Color
93, 20.545, 112.732

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 7.754, 114.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 20.545, 112.732 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(234, 238, 198)` looks like.

```
.text, #text, p{  
    color:rgb(234, 238, 198)  
}
```

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(234, 238, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 238, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 20.545, 112.732 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(234, 238, 198) }
```

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

```
.border{ border-color:rgb(234, 238, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 238, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 238, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 238, 198);  
box-shadow:4px 4px 4px 4px rgb(234, 238,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 20.545, 112.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 238, 198) }
```

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

```
.background{ background-color: rgb(234,  
238, 198) }
```

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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