

Converting Colors

CIELCh(93, 21.055, 83.116)

Have a look what the booklet for
CIELCh(93, 21.055, 83.116) contains.

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Color

CIELCh(93, 20.985, 83.832)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8C3
RGB	255, 232, 195
RGB Percent	100%, 91%, 76%
CMY	0.0000, 0.0899, 0.2350
CMYK	0.00, 0.09, 0.24, 0.00
HSL	37°, 100%, 88%
HSV	37°, 24%, 100%
XYZ	79.9984, 82.9670, 63.4667
YIQ	234.6590, 25.5850, -6.6310

Conversions

Conversions Part 2

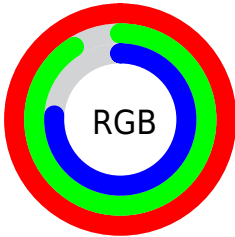
Format	Color
R _Y B	232, 255, 195
Decimal	16771267
CIE Lab	93.00, 2.25, 20.86
CIE LCh	93, 20.985, 83.832
Yxy	82.9670, 0.3533, 0.3664
Android (android.graphics.Color)	4294961347 (0xFFFFE8C3)
YUV	234.6590, -19.5519, 17.8391
Hunter-Lab	91.0862, -2.6295, 22.4485

Details

The CIELCh color **93, 20.985, 83.832** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.549, 270.552**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **73, 21.007, 82.941** is the 20% darker color. If you saturate the color by 10%, you get **90, 30.311, 82.538**, and if you desaturate by 10%, it is **96, 11.878, 85.227**.

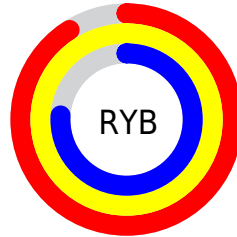
Distribution



Red (100%)

Green (91%)

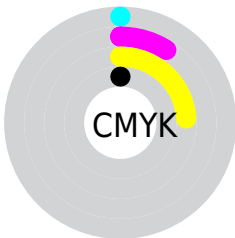
Blue (76%)



Red (91%)

Yellow (100%)

Blue (76%)

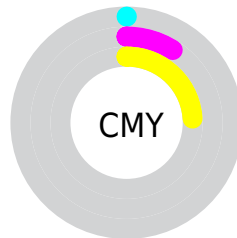


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 20.985, 83.832 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, 20.985, 83.832 by changing the saturation by 10% instead.

 93, 20.985, 83.832

 93, 20.985, 83.832

 100, 20.985,
83.832

 83, 20.985, 83.832

 73, 20.985, 83.832

 63, 20.985, 83.832

 53, 20.985, 83.832

 43, 20.985, 83.832

 33, 20.985, 83.832

 23, 20.985, 83.832

 13, 20.985, 83.832

 3, 20.985, 83.832

93, 20.985, 83.832

93, 20.985, 83.832

90, 30.311, 82.538

96, 11.878, 85.227

87, 39.844, 81.129

99, 3.031, 86.437

85, 49.467, 79.673

100, 0.012,
296.813

82, 58.953, 78.145

79, 67.866, 76.484

77, 75.446, 74.563

75, 80.654, 72.160

73, 82.694, 70.309

Harmonies

Complementary

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



93, 20.985, 83.832



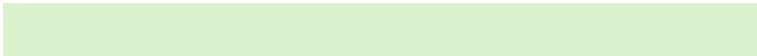
86, 20.549, 270.552

Rectangle

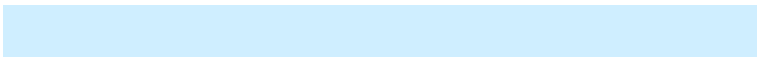
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 20.985, 83.832



93, 20.985, 133.832



93, 20.985, 263.832



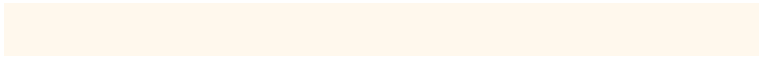
93, 20.985, 313.832

Sweetspot

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



93, 20.975, 83.906



98, 6.097, 86.045



85, 25.016, 352.822



52, 3.966, 85.972



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

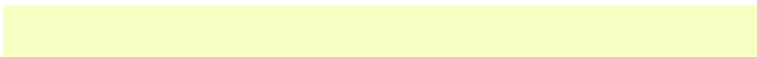
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 20.975, 83.906



92, 25.145, 83.296



98, 30.330, 112.878



52, 4.972, 85.737



56, 66.555, 70.930



18, 27.533, 73.590

Inverse Universe

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



86, 20.549, 270.552



84, 24.529, 271.395



81, 32.028, 296.978



50, 4.942, 268.305



35, 72.776, 293.704



9, 29.210, 288.137

Previews

White Background



This preview shows how the CIELCh color 93, 20.985, 83.832 looks on a white background.

Color Contrast Check

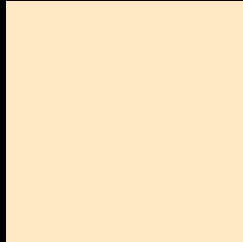
Large Text (above 18pt) WCAG AA × Fail

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, 20.985, 83.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

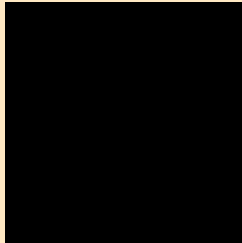
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 20.985, 83.832

Background



This preview shows how black text looks on a background with the CIELCh color 93, 20.985, 83.832.

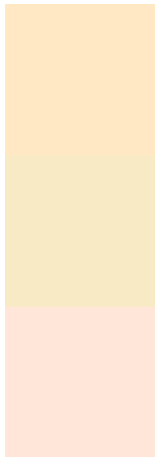


This preview shows how white text looks on a background with the CIELCh color 93, 20.985, 83.832.

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, 20.985, 83.832

Protanopia

93, 20.219, 93.330

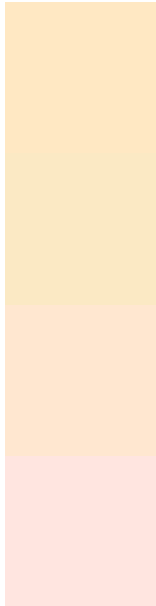
Deuteranopia

93, 11.756, 57.476



Tritanopia
93, 11.758, 345.534

Trichromacy



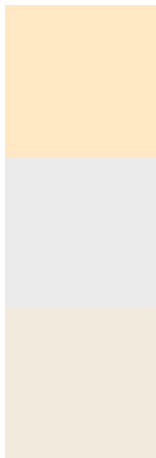
Original Color
93, 20.985, 83.832

Protanomaly
93, 20.216, 88.797

Deuteranomaly
93, 14.897, 71.971

Tritanomaly
93, 9.866, 35.032

Monochromacy



Original Color
93, 20.985, 83.832

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.751, 87.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 20.985, 83.832 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(255, 232, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 195)  
}
```

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(255, 232, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 20.985, 83.832 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(255, 232, 195) }
```

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

```
.border{ border-color:rgb(255, 232, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 232, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 232, 195); box-shadow:4px 4px 4px 4px rgb(255, 232, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 20.985, 83.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 195) }
```

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

```
.background{ background-color: rgb(255,  
232, 195) }
```

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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