

Converting Colors

CIELCh(100, 41.653, 47.273)

Have a look what the booklet for
CIELCh(100, 41.653, 47.273)
contains.

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Color

CIELCh(93, 20.331, 84.294)

Conversions

Conversions Part 1

Format	Color
Hex	FEE8C4
RGB	254, 232, 196
RGB Percent	100%, 91%, 77%
CMY	0.0030, 0.0892, 0.2303
CMYK	0.00, 0.09, 0.23, 0.00
HSL	37°, 97%, 88%
HSV	37°, 23%, 100%
XYZ	79.8799, 82.9670, 64.1912
YIQ	234.4740, 24.6680, -6.5320

Conversions

Conversions Part 2

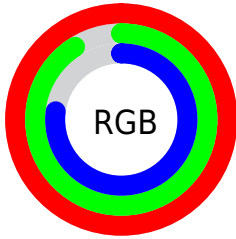
Format	Color
R_{YB}	231, 254, 196
Decimal	16705732
CIE _{Lab}	93.00, 2.02, 20.23
CIE _{LCh}	93, 20.331, 84.294
Yxy	82.9670, 0.3518, 0.3654
Android (android.graphics.Color)	4294895812 (0xFFFE8C4)
YUV	234.4740, -18.9677, 17.1243
Hunter-Lab	91.0862, -2.8618, 21.9769

Details

The CIELCh color **93, 20.331, 84.294** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.955, 270.720**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **73, 20.331, 83.429** is the 20% darker color. If you saturate the color by 10%, you get **90, 29.647, 82.938**, and if you desaturate by 10%, it is **96, 11.253, 85.619**.

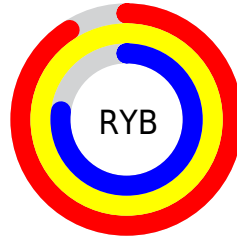
Distribution



Red (100%)

Green (91%)

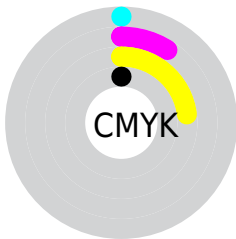
Blue (77%)



Red (91%)

Yellow (100%)

Blue (77%)

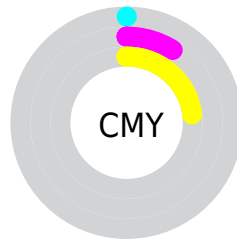


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 20.331, 84.294 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, 20.331, 84.294 by changing the saturation by 10% instead.

 93, 20.331, 84.294

 93, 20.331, 84.294

 100, 20.331,
84.294

 83, 20.331, 84.294

 73, 20.331, 84.294

 63, 20.331, 84.294

 53, 20.331, 84.294

 43, 20.331, 84.294

 33, 20.331, 84.294

 23, 20.331, 84.294

 13, 20.331, 84.294

 3, 20.331, 84.294

93, 20.331, 84.294

93, 20.331, 84.294

90, 29.647, 82.938

96, 11.253, 85.619

87, 39.158, 81.532

99, 2.418, 86.799

85, 48.761, 80.079

100, 0.267,
201.876

82, 58.241, 78.558

80, 67.176, 76.911

77, 74.835, 75.018

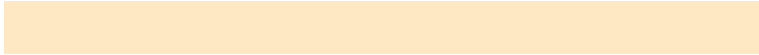
75, 80.193, 72.668

73, 82.471, 70.637

Harmonies

Complementary

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



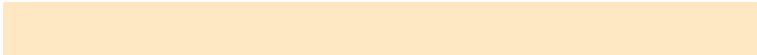
93, 20.331, 84.294



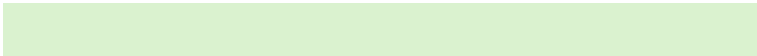
87, 19.955, 270.720

Rectangle

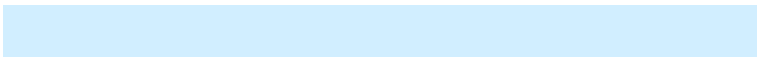
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 20.331, 84.294



93, 20.331, 134.294



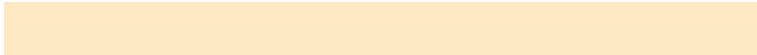
93, 20.331, 264.294



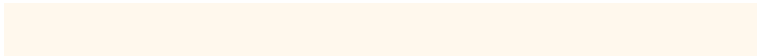
93, 20.331, 314.294

Sweetspot

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



93, 20.332, 84.302



98, 6.117, 86.346



85, 24.185, 352.737



52, 3.978, 86.272



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, 20.332, 84.302



92, 24.279, 83.733



98, 29.358, 112.935



52, 4.987, 86.037



56, 66.533, 71.248



18, 27.566, 73.924

Inverse Universe

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



87, 19.955, 270.720



84, 23.737, 271.496



82, 30.946, 296.899



50, 4.960, 268.603



35, 73.206, 293.927



9, 29.378, 288.389

Previews

White Background



This preview shows how the CIE LCh color 93, 20.331, 84.294 looks on a white background.

Color Contrast Check

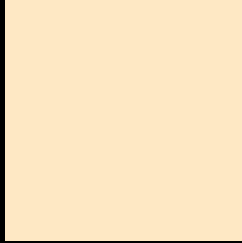
Large Text (above 18pt) WCAG AA × Fail

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, 20.331, 84.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

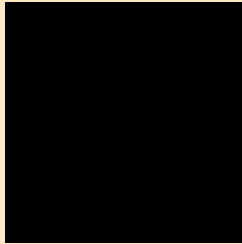
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 20.331, 84.294

Background



This preview shows how black text looks on a background with the CIELCh color 93, 20.331, 84.294.

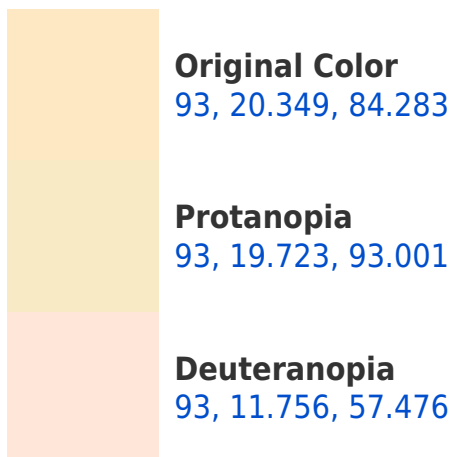


This preview shows how white text looks on a background with the CIELCh color 93, 20.331, 84.294.

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](#).

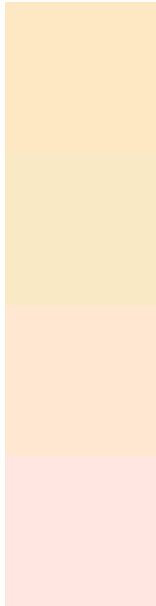
Dichromacy





Tritanopia
93, 12.051, 343.511

Trichromacy



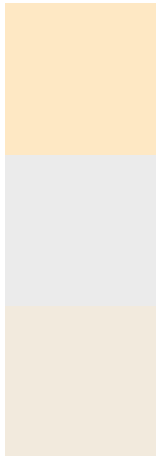
Original Color
93, 20.349, 84.283

Protanomaly
93, 19.599, 89.412

Deuteranomaly
93, 14.481, 70.819

Tritanomaly
93, 9.497, 35.593

Monochromacy



Original Color
93, 20.349, 84.283

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.274, 85.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 20.331, 84.294 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(254, 232, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 196)  
}
```

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(254, 232, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 20.331, 84.294 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(254, 232, 196) }
```

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

```
.border{ border-color:rgb(254, 232, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 232, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 20.331, 84.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 196) }
```

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

```
.background{ background-color: rgb(254,  
232, 196) }
```

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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