

Converting Colors

CIELCh(93, 22.547, 87.546)

Have a look what the booklet for
CIELCh(93, 22.547, 87.546) contains.

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Color

CIELCh(93, 22.566, 87.534)

Conversions

Conversions Part 1

Format	Color
Hex	FEE9C0
RGB	254, 233, 192
RGB Percent	100%, 91%, 75%
CMY	0.0049, 0.0872, 0.2479
CMYK	0.00, 0.08, 0.24, 0.00
HSL	40°, 96%, 87%
HSV	40°, 24%, 100%
XYZ	79.3476, 82.9670, 61.5695
YIQ	234.6050, 25.6770, -8.2990

Conversions

Conversions Part 2

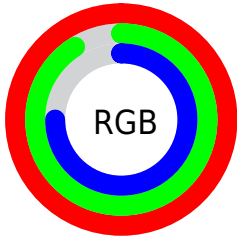
Format	Color
RYB	224, 254, 192
Decimal	16705984
CIELab	93.00, 0.97, 22.55
CIELCh	93, 22.566, 87.534
Yxy	82.9670, 0.3544, 0.3706
Android (android.graphics.Color)	4294896064 (0xFFEE9C0)
YUV	234.6050, -21.0043, 17.0094
Hunter-Lab	91.0862, -3.9049, 23.6834

Details

The CIELCh color **93, 22.566, 87.534** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.407, 274.365**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **73, 22.640, 86.825** is the 20% darker color. If you saturate the color by 10%, you get **90, 32.129, 86.183**, and if you desaturate by 10%, it is **96, 13.180, 88.853**.

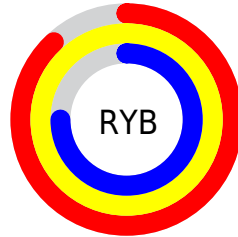
Distribution



Red (100%)

Green (91%)

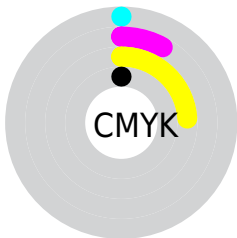
Blue (75%)



Red (88%)

Yellow (100%)

Blue (75%)

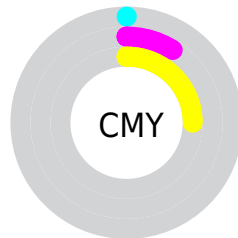


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 22.566, 87.534 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, 22.566, 87.534 by changing the saturation by 10% instead.

 93, 22.566, 87.534

 93, 22.566, 87.534

 100, 22.566,
87.534

 83, 22.566, 87.534

 73, 22.566, 87.534

 63, 22.566, 87.534

 53, 22.566, 87.534

 43, 22.566, 87.534

 33, 22.566, 87.534

 23, 22.566, 87.534

 13, 22.566, 87.534

 3, 22.566, 87.534

93, 22.566, 87.534

93, 22.566, 87.534

90, 32.129, 86.183

96, 13.180, 88.853

88, 41.801, 84.783

98, 3.992, 90.079

85, 51.448, 83.334

100, 0.430,
200.918

83, 60.800, 81.816

81, 69.367, 80.174

79, 76.356, 78.296

77, 80.779, 75.994

75, 82.195, 74.522

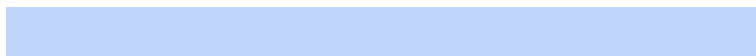
Harmonies

Complementary

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



93, 22.566, 87.534



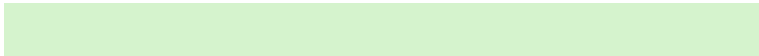
85, 22.407, 274.365

Rectangle

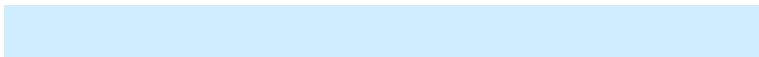
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 22.566, 87.534



93, 22.566, 137.534



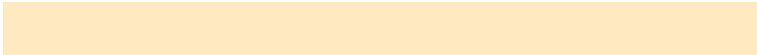
93, 22.566, 267.534



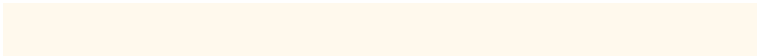
93, 22.566, 317.534

Sweetspot

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



93, 22.567, 87.541



98, 6.362, 89.782



84, 25.500, 355.129



52, 4.137, 89.709



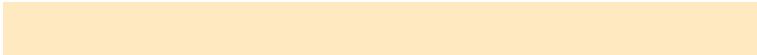
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

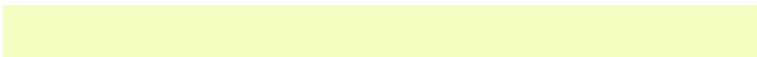
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 22.567, 87.541



92, 27.027, 86.924



98, 31.469, 114.215



52, 5.184, 89.475



58, 66.459, 75.070



19, 28.025, 77.838

Inverse Universe

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



85, 22.407, 274.365



83, 26.800, 275.218



80, 33.277, 298.234



50, 5.180, 271.993



33, 78.326, 296.394



8, 31.417, 291.210

Previews

White Background



This preview shows how the CIE LCh color 93, 22.566, 87.534 looks on a white background.

Color Contrast Check

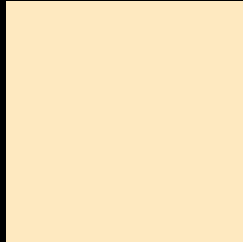
Large Text (above 18pt) WCAG AA × Fail

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, 22.566, 87.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

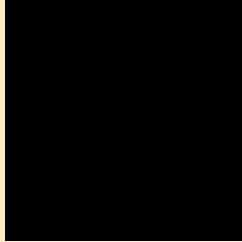
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 22.566, 87.534

Background



This preview shows how black text looks on a background with the CIELCh color 93, 22.566, 87.534.

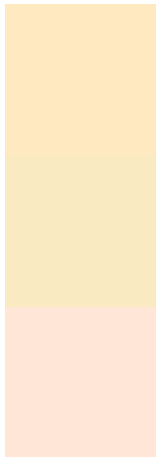


This preview shows how white text looks on a background with the CIELCh color 93, 22.566, 87.534.

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, 22.566, 87.534

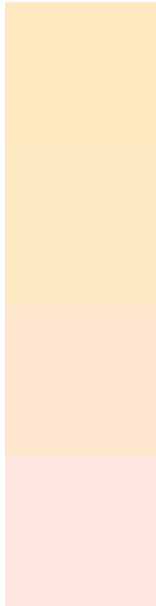
Protanopia
93, 21.808, 93.235

Deuteranopia
93, 12.092, 59.327



Tritanopia
93, 12.051, 343.511

Trichromacy



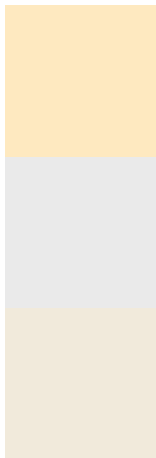
Original Color
93, 22.566, 87.534

Protanomaly
93, 22.028, 91.300

Deuteranomaly
93, 15.319, 73.057

Tritanomaly
93, 9.663, 38.488

Monochromacy



Original Color
93, 22.566, 87.534

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 8.110, 91.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 22.566, 87.534 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, 233, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 192)  
}
```

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, 233, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 22.566, 87.534 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, 233, 192) }
```

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

```
.border{ border-color:rgb(254, 233, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 233, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 22.566, 87.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 192) }
```

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

```
.background{ background-color: rgb(254,  
233, 192) }
```

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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