

Converting Colors

CIELCh(93, 22.454, 84.681)

Have a look what the booklet for
CIELCh(93, 22.454, 84.681) contains.

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Color

CIELCh(93, 22.406, 85.273)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8C0
RGB	255, 232, 192
RGB Percent	100%, 91%, 75%
CMY	0.0000, 0.0893, 0.2462
CMYK	0.00, 0.09, 0.25, 0.00
HSL	38°, 100%, 88%
HSV	38°, 25%, 100%
XYZ	79.7911, 82.9670, 61.8103
YIQ	234.3170, 26.5480, -7.5640

Conversions

Conversions Part 2

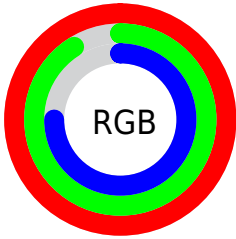
Format	Color
R _Y B	228, 255, 192
Decimal	16771264
CIE Lab	93.00, 1.85, 22.33
CIE LCh	93, 22.406, 85.273
Yxy	82.9670, 0.3553, 0.3695
Android (android.graphics.Color)	4294961344 (0xFFFFE8C0)
YUV	234.3170, -20.8623, 18.1390
Hunter-Lab	91.0862, -3.0358, 23.5267

Details

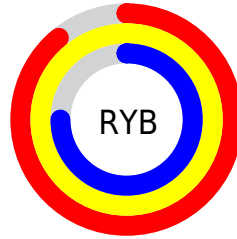
The CIELCh color **93, 22.406, 85.273** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.040, 272.456**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **73, 22.495, 84.435** is the 20% darker color. If you saturate the color by 10%, you get **90, 31.834, 84.131**, and if you desaturate by 10%, it is **96, 13.112, 86.823**.

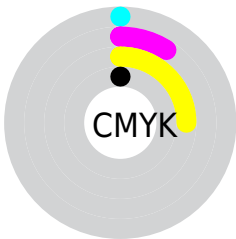
Distribution



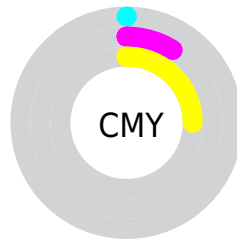
- Red (100%)
- Green (91%)
- Blue (75%)



- Red (89%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 22.406, 85.273 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, 22.406, 85.273 by changing the saturation by 10% instead.

 93, 22.406, 85.273

 93, 22.406, 85.273

 100, 22.406,
85.273

 83, 22.406, 85.273

 73, 22.406, 85.273

 63, 22.406, 85.273

 53, 22.406, 85.273

 43, 22.406, 85.273

 33, 22.406, 85.273

 23, 22.406, 85.273

 13, 22.406, 85.273

 3, 22.406, 85.273

93, 22.406, 85.273

93, 22.406, 85.273

90, 31.834, 84.131

96, 13.112, 86.823

88, 41.453, 82.719

99, 4.082, 88.060

85, 51.096, 81.259

100, 0.012,
296.813

82, 60.507, 79.723

80, 69.204, 78.051

78, 76.385, 76.117

76, 81.029, 73.707

74, 82.540, 72.212

Harmonies

Complementary

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



93, 22.406, 85.273



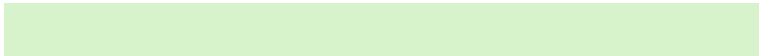
86, 22.040, 272.456

Rectangle

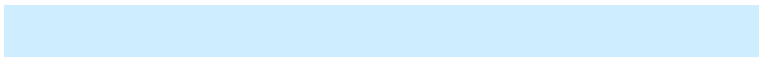
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 22.406, 85.273



93, 22.406, 135.273



93, 22.406, 265.273



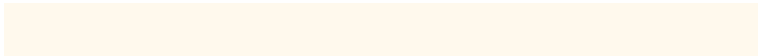
93, 22.406, 315.273

Sweetspot

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



93, 22.369, 85.500



98, 6.214, 87.783



84, 26.015, 354.045



52, 4.041, 87.710



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

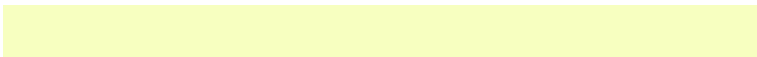
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 22.369, 85.500



91, 27.442, 84.768



98, 31.788, 113.496



52, 5.065, 87.475



57, 66.461, 72.805



19, 27.738, 75.540

Inverse Universe

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



86, 22.040, 272.456



82, 26.946, 273.482



80, 33.649, 297.679



50, 5.047, 270.024



34, 75.303, 294.977



9, 30.206, 289.583

Previews

White Background



This preview shows how the CIELCh color 93, 22.406, 85.273 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, 22.406, 85.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

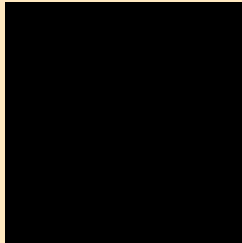
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 22.406, 85.273

Background



This preview shows how black text looks on a background with the CIELCh color 93, 22.406, 85.273.



This preview shows how white text looks on a background with the CIELCh color 93, 22.406, 85.273.

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, 22.406, 85.273

Protanopia

93, 21.708, 94.215

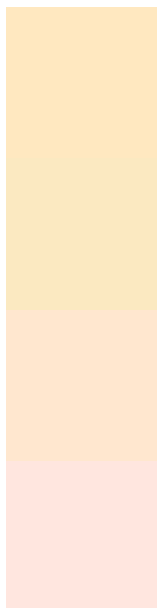
Deuteranopia

93, 12.092, 59.327



Tritanopia
93, 11.758, 345.534

Trichromacy



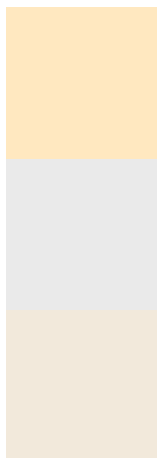
Original Color
93, 22.406, 85.273

Protanomaly
93, 21.677, 89.979

Deuteranomaly
93, 15.319, 73.057

Tritanomaly
93, 9.854, 41.275

Monochromacy



Original Color
93, 22.406, 85.273

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.902, 84.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 22.406, 85.273 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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(255, 232, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 22.406, 85.273 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, 192) }
```

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

```
.border{ border-color:rgb(255, 232, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 22.406, 85.273 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, 192) }
```

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

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