

Converting Colors

CIELCh(93, 40.669, 66.933)

Have a look what the booklet for
CIELCh(93, 40.669, 66.933) contains.

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Color

CIELCh(90, 32.857, 83.976)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEA4
RGB	255, 222, 164
RGB Percent	100%, 87%, 64%
CMY	0.0000, 0.1288, 0.3563
CMYK	0.00, 0.13, 0.36, 0.00
HSL	38°, 100%, 82%
HSV	38°, 36%, 100%
XYZ	74.1785, 76.3034, 46.0114
YIQ	225.2550, 38.2860, -11.0420

Conversions

Conversions Part 2

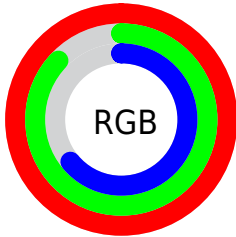
Format	Color
R _Y B	216, 255, 164
Decimal	16768676
CIE Lab	90.00, 3.45, 32.68
CIE LCh	90, 32.857, 83.976
Yxy	76.3034, 0.3775, 0.3883
Android (android.graphics.Color)	4294958756 (0xFFFFDEA4)
YUV	225.2550, -30.1987, 26.0864
Hunter-Lab	87.3518, -1.2848, 29.9161

Details

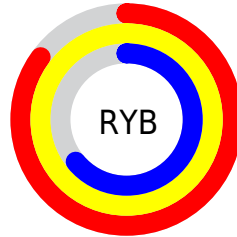
The CIELCh color **90, 32.857, 83.976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.154, 274.746**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **70, 32.668, 83.848** is the 20% darker color. If you saturate the color by 10%, you get **87, 42.461, 82.672**, and if you desaturate by 10%, it is **93, 23.339, 85.461**.

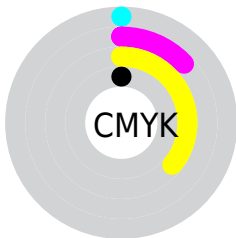
Distribution



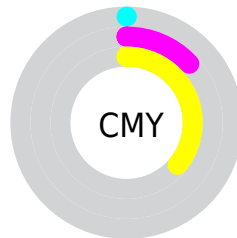
- Red (100%)
- Green (87%)
- Blue (64%)



- Red (85%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 32.857, 83.976 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 90, 32.857, 83.976 by changing the saturation by 10% instead.

 90, 32.857, 83.976

 90, 32.857, 83.976

 100, 32.857,
83.976

 80, 32.857, 83.976

 70, 32.857, 83.976

 60, 32.857, 83.976

 50, 32.857, 83.976

 40, 32.857, 83.976

 30, 32.857, 83.976

 20, 32.857, 83.976

 10, 32.857, 83.976

 0, 32.857, 83.976

90, 32.857, 83.976

90, 32.857, 83.976

87, 42.461, 82.672

93, 23.339, 85.461

85, 52.097, 81.206

96, 14.052, 86.789

82, 61.460, 79.660

98, 4.990, 88.042

80, 70.040, 77.970

100, 0.012,
296.813

78, 77.000, 76.000

75, 81.327, 73.533

74, 82.535, 72.320

Harmonies

Complementary

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



90, 32.857, 83.976



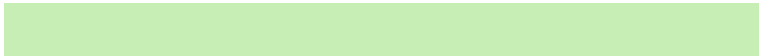
79, 32.154, 274.746

Rectangle

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



90, 32.857, 83.976



90, 32.857, 133.976



90, 32.857, 263.976



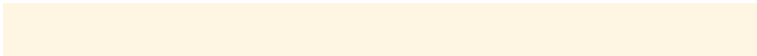
90, 32.857, 313.976

Sweetspot

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



90, 32.829, 84.088



97, 9.831, 87.384



77, 38.033, 355.531



51, 6.618, 87.211



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

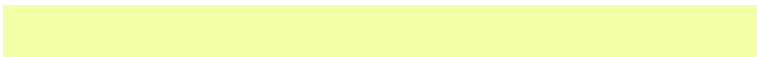
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 32.829, 84.088



88, 39.923, 83.048



97, 45.636, 112.648



52, 5.071, 87.572



57, 66.458, 72.912



19, 27.750, 75.649

Inverse Universe

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



79, 32.154, 274.746



75, 38.990, 276.450



72, 49.799, 298.992



50, 5.053, 270.119



34, 75.446, 295.047



9, 30.263, 289.663

Previews

White Background



This preview shows how the CIE LCh color 90, 32.857, 83.976 looks on a white background.

Color Contrast Check

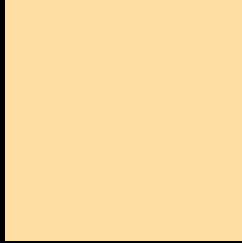
Large Text (above 18pt) WCAG AA × Fail

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 90, 32.857, 83.976 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 90, 32.857, 83.976

Background



This preview shows how black text looks on a background with the CIELCh color 90, 32.857, 83.976.



This preview shows how white text looks on a background with the CIELCh color 90, 32.857, 83.976.

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
90, 32.857, 83.976

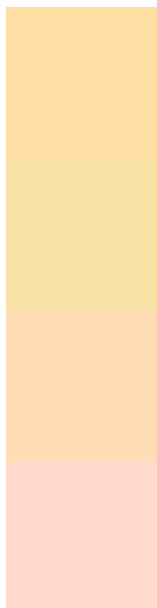
Protanopia
90, 31.619, 95.316

Deuteranopia
90, 21.127, 68.949



Tritanopia
90, 15.672, 355.171

Trichromacy



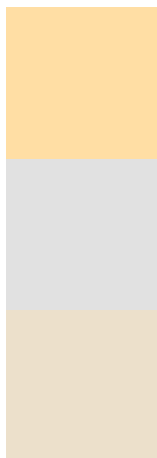
Original Color
90, 32.857, 83.976

Protanomaly
90, 32.156, 91.820

Deuteranomaly
90, 25.189, 76.459

Tritanomaly
90, 15.566, 45.734

Monochromacy



Original Color
90, 32.857, 83.976

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 11.759, 86.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 32.857, 83.976 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, 222, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 164)  
}
```

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, 222, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 32.857, 83.976 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, 222, 164) }
```

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

```
.border{ border-color:rgb(255, 222, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 32.857, 83.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 164) }
```

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

```
.background{ background-color: rgb(255,  
222, 164) }
```

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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