

Converting Colors

CIELCh(99, 49.447, 54.324)

Have a look what the booklet for
CIELCh(99, 49.447, 54.324) contains.

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Color

CIELCh(92, 29.644, 87.711)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5AF
RGB	255, 229, 175
RGB Percent	100%, 90%, 69%
CMY	0.0000, 0.1004, 0.3122
CMYK	0.00, 0.10, 0.31, 0.00
HSL	41°, 100%, 84%
HSV	41°, 31%, 100%
XYZ	77.2939, 80.7044, 52.2557
YIQ	230.6180, 32.8300, -11.2820

Conversions

Conversions Part 2

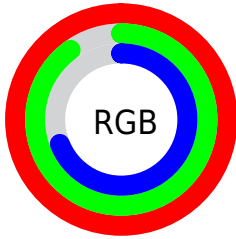
Format	Color
RYB	214, 255, 175
Decimal	16770479
CIELab	92.00, 1.18, 29.62
CIELCh	92, 29.644, 87.711
Yxy	80.7044, 0.3676, 0.3838
Android (android.graphics.Color)	4294960559 (0xFFFFE5AF)
YUV	230.6180, -27.4197, 21.3830
Hunter-Lab	89.8356, -3.6323, 28.3971

Details

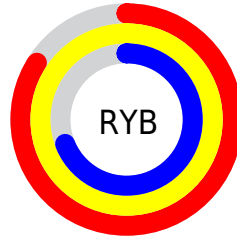
The CIELCh color **92, 29.644, 87.711** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.522, 276.966**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **72, 29.761, 88.334** is the 20% darker color. If you saturate the color by 10%, you get **90, 39.358, 86.634**, and if you desaturate by 10%, it is **94, 19.925, 89.345**.

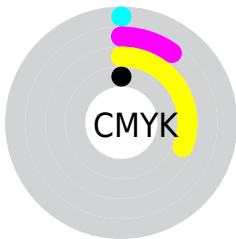
Distribution



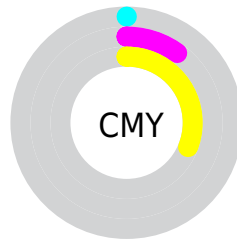
- Red (100%)
- Green (90%)
- Blue (69%)



- Red (84%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 29.644, 87.711 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 92, 29.644, 87.711 by changing the saturation by 10% instead.

 92, 29.644, 87.711

 92, 29.644, 87.711

 100, 29.644,
87.711

 82, 29.644, 87.711

 72, 29.644, 87.711

 62, 29.644, 87.711

 52, 29.644, 87.711

 42, 29.644, 87.711

 32, 29.644, 87.711

 22, 29.644, 87.711

 12, 29.644, 87.711

 2, 29.644, 87.711

92, 29.644, 87.711

92, 29.644, 87.711

90, 39.358, 86.634

94, 19.925, 89.345

87, 49.122, 85.215

97, 10.428, 90.629

85, 58.650, 83.738

100, 1.116, 91.657

83, 67.521, 82.166

100, 0.012,
296.813

81, 75.030, 80.416

78, 80.223, 78.339

77, 82.565, 76.157

Harmonies

Complementary

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



92, 29.644, 87.711



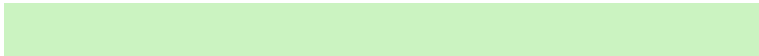
81, 29.522, 276.966

Rectangle

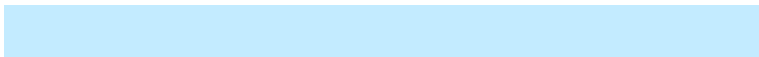
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 29.644, 87.711



92, 29.644, 137.711



92, 29.644, 267.711



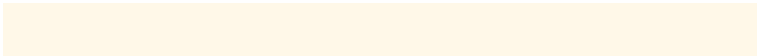
92, 29.644, 317.711

Sweetspot

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



92, 29.587, 88.011



98, 8.341, 90.905



80, 32.749, 357.167



52, 5.806, 90.725



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

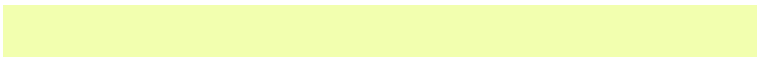
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 29.587, 88.011



91, 35.223, 87.221



97, 40.275, 114.416



52, 5.272, 90.843



59, 66.532, 76.685



19, 28.257, 79.443

Inverse Universe

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



81, 29.522, 276.966



77, 35.169, 278.166



75, 43.327, 299.541



50, 5.277, 273.336



32, 80.461, 297.333



8, 32.286, 292.301

Previews

White Background



This preview shows how the CIELCh color 92, 29.644, 87.711 looks on a white background.

Color Contrast Check

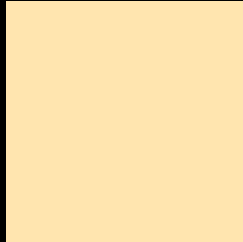
Large Text (above 18pt) WCAG AA × Fail

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 92, 29.644, 87.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

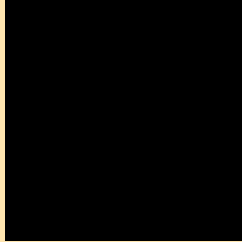
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 29.644, 87.711

Background



This preview shows how black text looks on a background with the CIELCh color 92, 29.644, 87.711.

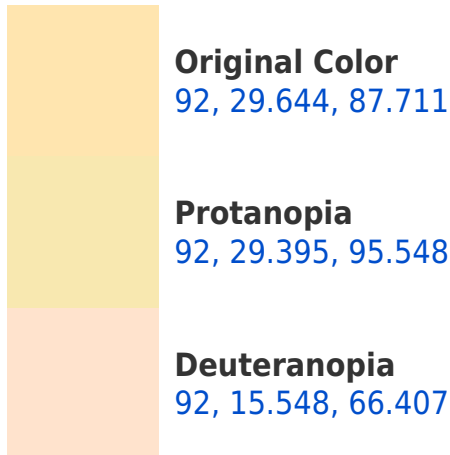


This preview shows how white text looks on a background with the CIELCh color 92, 29.644, 87.711.

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](#).

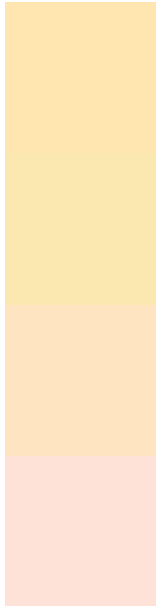
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



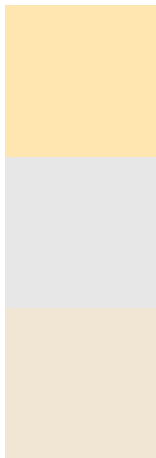
Original Color
92, 29.644, 87.711

Protanomaly
92, 29.319, 92.368

Deuteranomaly
92, 20.412, 78.243

Tritanomaly
92, 12.197, 47.597

Monochromacy



Original Color
92, 29.644, 87.711

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.459, 88.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 29.644, 87.711 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, 229, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 175)  
}
```

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, 229, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 29.644, 87.711 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, 229, 175) }
```

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

```
.border{ border-color:rgb(255, 229, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 29.644, 87.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 175) }
```

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

```
.background{ background-color: rgb(255,  
229, 175) }
```

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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