

Converting Colors

CIELCh(94, 33.529, 73.603)

Have a look what the booklet for
CIELCh(94, 33.529, 73.603) contains.

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Color

CIELCh(92, 29.478, 88.447)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6B0
RGB	255, 230, 176
RGB Percent	100%, 90%, 69%
CMY	0.0015, 0.0994, 0.3111
CMYK	0.00, 0.10, 0.31, 0.00
HSL	41°, 99%, 84%
HSV	41°, 31%, 100%
XYZ	77.1027, 80.7044, 52.4092
YIQ	231.3190, 32.2340, -11.4940

Conversions

Conversions Part 2

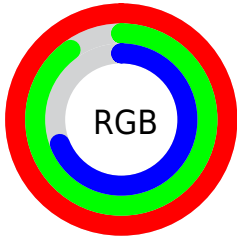
Format	Color
R_{YB}	213, 255, 176
Decimal	16770736
CIE _{Lab}	92.00, 0.80, 29.47
CIE _{LCh}	92, 29.478, 88.447
Yxy	80.7044, 0.3668, 0.3839
Android (android.graphics.Color)	4294960816 (0xFFFFE6B0)
YUV	231.3190, -27.2723, 20.7682
Hunter-Lab	89.8356, -4.0122, 28.2958

Details

The CIELCh color **92, 29.478, 88.447** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 29.472, 277.311**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **72, 29.585, 89.131** is the 20% darker color. If you saturate the color by 10%, you get **90, 39.265, 87.081**, and if you desaturate by 10%, it is **94, 19.796, 89.783**.

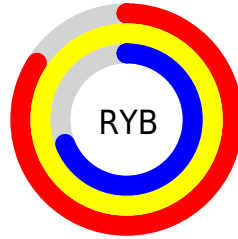
Distribution



Red (100%)

Green (90%)

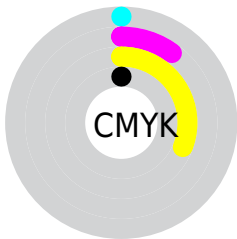
Blue (69%)



Red (84%)

Yellow (100%)

Blue (69%)

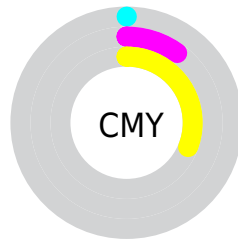


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 29.478, 88.447 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, 29.478, 88.447 by changing the saturation by 10% instead.

 92, 29.478, 88.447

 92, 29.478, 88.447

 100, 29.478,
88.447

 82, 29.478, 88.447

 72, 29.478, 88.447

 62, 29.478, 88.447

 52, 29.478, 88.447

 42, 29.478, 88.447

 32, 29.478, 88.447

 22, 29.478, 88.447

 12, 29.478, 88.447

 2, 29.478, 88.447

92, 29.478, 88.447

92, 29.478, 88.447

90, 39.265, 87.081

94, 19.796, 89.783

87, 49.037, 85.667

97, 10.272, 91.062

85, 58.565, 84.197

100, 0.927, 92.040

83, 67.431, 82.636

100, 0.129,
204.561

81, 74.937, 80.904

79, 80.136, 78.858

77, 82.510, 76.658

Harmonies

Complementary

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



92, 29.478, 88.447



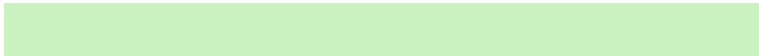
81, 29.472, 277.311

Rectangle

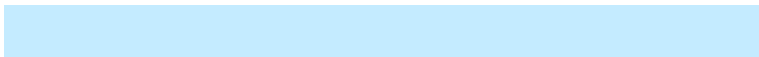
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 29.478, 88.447



92, 29.478, 138.447



92, 29.478, 268.447



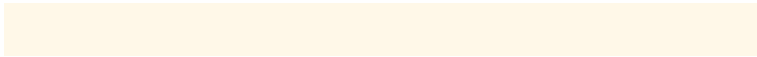
92, 29.478, 318.447

Sweetspot

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



92, 29.479, 88.453



98, 8.385, 91.311



80, 32.266, 358.293



52, 5.836, 91.132



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

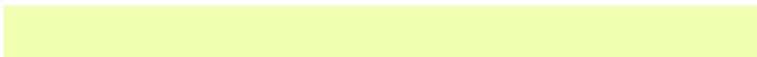
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 29.479, 88.453



91, 35.372, 87.636



97, 40.038, 115.142



52, 5.300, 91.249



59, 66.567, 77.175



19, 28.332, 79.924

Inverse Universe

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



81, 29.472, 277.311



77, 35.403, 278.549



75, 43.008, 300.069



50, 5.308, 273.734



32, 81.105, 297.607



8, 32.549, 292.618

Previews

White Background



This preview shows how the CIE LCh color 92, 29.478, 88.447 looks on a white background.

Color Contrast Check

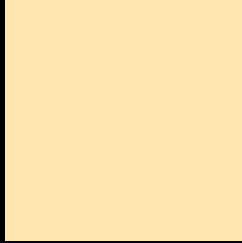
Large Text (above 18pt) WCAG AA × Fail

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, 29.478, 88.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

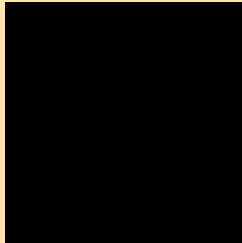
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 29.478, 88.447

Background



This preview shows how black text looks on a background with the CIELCh color 92, 29.478, 88.447.



This preview shows how white text looks on a background with the CIELCh color 92, 29.478, 88.447.

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](#).

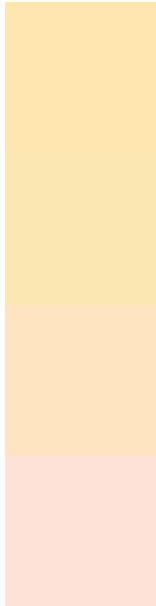
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



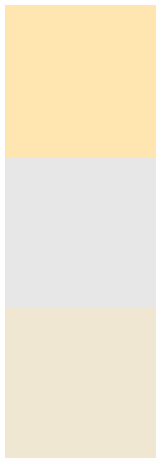
Original Color
92, 29.478, 88.447

Protanomaly
92, 28.718, 92.915

Deuteranomaly
92, 20.412, 78.243

Tritanomaly
92, 12.197, 47.597

Monochromacy



Original Color
92, 29.478, 88.447

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.817, 91.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 29.478, 88.447 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, 230, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 176)  
}
```

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, 230, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 29.478, 88.447 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, 230, 176) }
```

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

```
.border{ border-color:rgb(255, 230, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 29.478, 88.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 176) }
```

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

```
.background{ background-color: rgb(255,  
230, 176) }
```

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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