

Converting Colors

CIELCh(92, 23.010, 80.685)

Have a look what the booklet for
CIELCh(92, 23.010, 80.685) contains.

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Color

CIELCh(92, 22.703, 81.173)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4BD
RGB	255, 228, 189
RGB Percent	100%, 89%, 74%
CMY	0.0000, 0.1044, 0.2575
CMYK	0.00, 0.10, 0.26, 0.00
HSL	36°, 100%, 87%
HSV	36°, 26%, 100%
XYZ	78.4422, 80.7044, 59.7854
YIQ	231.6270, 28.6110, -6.4050

Conversions

Conversions Part 2

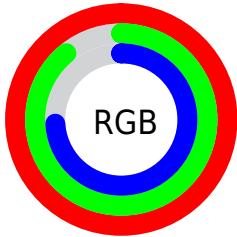
Format	Color
R _Y B	235, 255, 189
Decimal	16770237
CIE Lab	92.00, 3.48, 22.43
CIE LCh	92, 22.703, 81.173
Yxy	80.7044, 0.3583, 0.3686
Android (android.graphics.Color)	4294960317 (0xFFFFE4BD)
YUV	231.6270, -21.0151, 20.4981
Hunter-Lab	89.8356, -1.3507, 23.4276

Details

The CIELCh color **92, 22.703, 81.173** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.938, 268.898**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **72, 22.639, 81.036** is the 20% darker color. If you saturate the color by 10%, you get **89, 31.916, 80.131**, and if you desaturate by 10%, it is **95, 13.623, 82.838**.

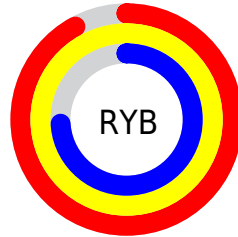
Distribution



Red (100%)

Green (89%)

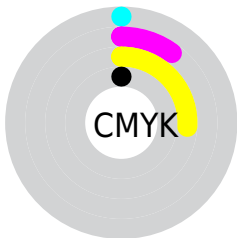
Blue (74%)



Red (92%)

Yellow (100%)

Blue (74%)

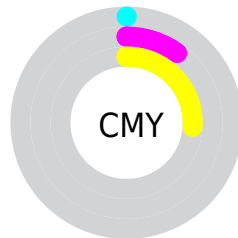


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 22.703, 81.173 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, 22.703, 81.173 by changing the saturation by 10% instead.

 92, 22.703, 81.173

 92, 22.703, 81.173

 100, 22.703,
81.173

 82, 22.703, 81.173

 72, 22.703, 81.173

 62, 22.703, 81.173

 52, 22.703, 81.173

 42, 22.703, 81.173

 32, 22.703, 81.173

 22, 22.703, 81.173

 12, 22.703, 81.173

 2, 22.703, 81.173

92, 22.703, 81.173

92, 22.703, 81.173

89, 31.916, 80.131

95, 13.623, 82.838

86, 41.421, 78.718

98, 4.887, 84.095

83, 51.033, 77.256

100, 0.012,
296.813

80, 60.504, 75.713

78, 69.349, 74.009

75, 76.734, 71.986

73, 81.579, 69.380

72, 83.004, 68.129

Harmonies

Complementary

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



92, 22.703, 81.173



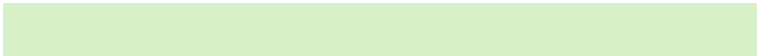
86, 21.938, 268.898

Rectangle

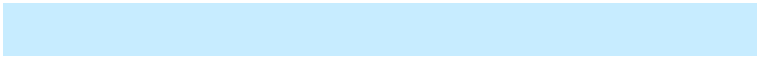
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 22.703, 81.173



92, 22.703, 131.173



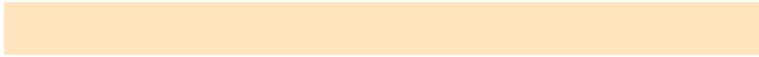
92, 22.703, 261.173



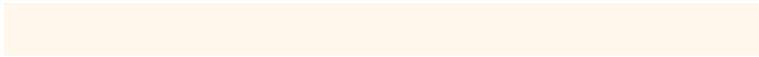
92, 22.703, 311.173

Sweetspot

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



92, 22.635, 81.505



97, 6.833, 83.825



83, 27.960, 350.970



52, 4.869, 83.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

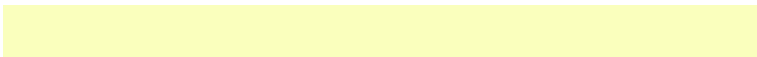
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 22.635, 81.505



90, 27.480, 80.788



98, 33.112, 111.270



52, 4.869, 83.638



55, 66.769, 68.778



18, 27.337, 71.298

Inverse Universe

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



86, 21.938, 268.898



83, 26.448, 269.934



79, 35.199, 296.096



50, 4.826, 266.223



36, 69.850, 292.115



10, 28.073, 286.348

Previews

White Background



This preview shows how the CIE LCh color 92, 22.703, 81.173 looks on a white background.

Color Contrast Check

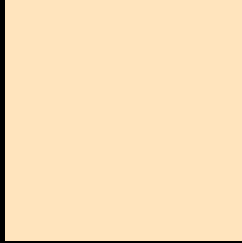
Large Text (above 18pt) WCAG AA × Fail

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, 22.703, 81.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

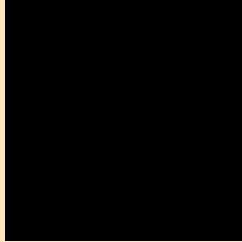
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 22.703, 81.173

Background



This preview shows how black text looks on a background with the CIELCh color 92, 22.703, 81.173.

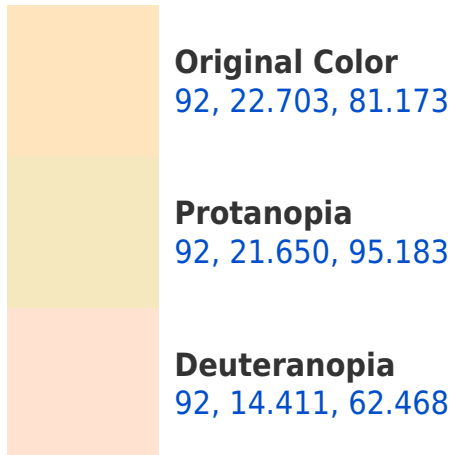


This preview shows how white text looks on a background with the CIELCh color 92, 22.703, 81.173.

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](#).

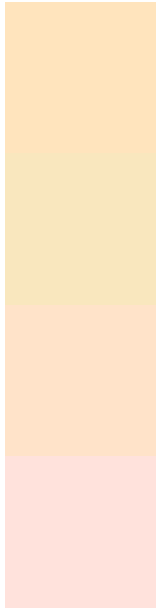
Dichromacy





Tritanopia
92, 13.007, 349.317

Trichromacy



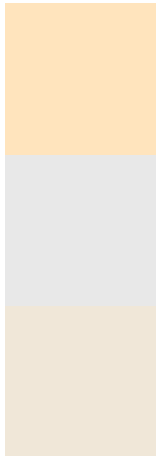
Original Color
92, 22.703, 81.173

Protanomaly
92, 22.203, 90.311

Deuteranomaly
92, 17.165, 70.788

Tritanomaly
92, 11.136, 36.115

Monochromacy



Original Color
92, 22.703, 81.173

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 8.389, 86.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 22.703, 81.173 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, 228, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 189)  
}
```

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, 228, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 22.703, 81.173 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, 228, 189) }
```

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

```
.border{ border-color:rgb(255, 228, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 22.703, 81.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 189) }
```

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

```
.background{ background-color: rgb(255,  
228, 189) }
```

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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