

Converting Colors

CIELCh(94, 26.678, 70.017)

Have a look what the booklet for
CIELCh(94, 26.678, 70.017) contains.

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Color

CIELCh(92, 22.774, 83.453)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5BD
RGB	254, 229, 189
RGB Percent	100%, 90%, 74%
CMY	0.0044, 0.1023, 0.2591
CMYK	0.00, 0.10, 0.26, 0.00
HSL	37°, 97%, 87%
HSV	37°, 26%, 100%
XYZ	77.9979, 80.7044, 59.5761
YIQ	231.9150, 27.7400, -7.1400

Conversions

Conversions Part 2

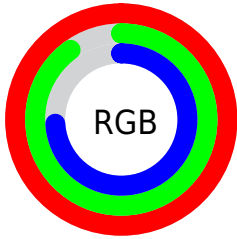
Format	Color
R _Y B	230, 254, 189
Decimal	16704957
CIE Lab	92.00, 2.60, 22.63
CIE LCh	92, 22.774, 83.453
Yxy	80.7044, 0.3573, 0.3697
Android (android.graphics.Color)	4294895037 (0xFFFE5BD)
YUV	231.9150, -21.1571, 19.3685
Hunter-Lab	89.8356, -2.2335, 23.5657

Details

The CIELCh color **92, 22.774, 83.453** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.254, 270.769**, 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, 22.724, 83.440** is the 20% darker color. If you saturate the color by 10%, you get **89, 32.114, 82.084**, and if you desaturate by 10%, it is **95, 13.672, 84.793**.

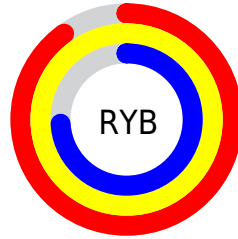
Distribution



Red (100%)

Green (90%)

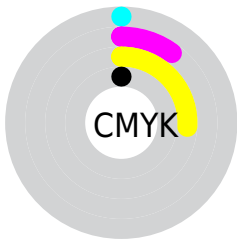
Blue (74%)



Red (90%)

Yellow (100%)

Blue (74%)

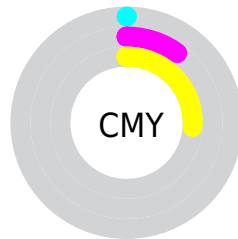


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 22.774, 83.453 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, 22.774, 83.453 by changing the saturation by 10% instead.

 92, 22.774, 83.453

 92, 22.774, 83.453

 100, 22.774,
83.453

 82, 22.774, 83.453

 72, 22.774, 83.453

 62, 22.774, 83.453

 52, 22.774, 83.453

 42, 22.774, 83.453

 32, 22.774, 83.453

 22, 22.774, 83.453

 12, 22.774, 83.453

 2, 22.774, 83.453

92, 22.774, 83.453

92, 22.774, 83.453

89, 32.114, 82.084

95, 13.672, 84.793

86, 41.638, 80.667

98, 4.819, 86.048

84, 51.221, 79.199

100, 0.392,
201.072

81, 60.605, 77.651

79, 69.298, 75.950

76, 76.472, 73.950

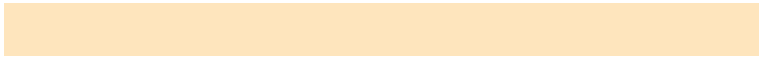
74, 81.081, 71.409

73, 82.435, 70.141

Harmonies

Complementary

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



92, 22.774, 83.453



85, 22.254, 270.769

Rectangle

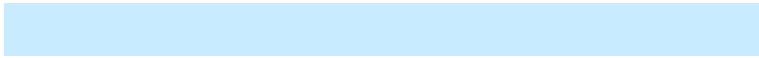
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 22.774, 83.453



92, 22.774, 133.453



92, 22.774, 263.453



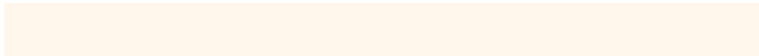
92, 22.774, 313.453

Sweetspot

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



92, 22.775, 83.460



98, 6.967, 85.758



83, 27.426, 352.001



52, 4.963, 85.571



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, 22.775, 83.460



91, 27.914, 82.718



98, 32.812, 112.000



52, 4.963, 85.571



56, 66.568, 70.755



18, 27.516, 73.407

Inverse Universe

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



85, 22.254, 270.769



82, 27.131, 271.830



79, 34.852, 296.644



50, 4.932, 268.141



35, 72.540, 293.580



9, 29.117, 287.997

Previews

White Background



This preview shows how the CIELCh color 92, 22.774, 83.453 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, 22.774, 83.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

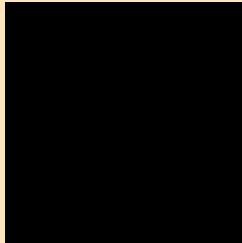
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 22.774, 83.453

Background



This preview shows how black text looks on a background with the CIELCh color 92, 22.774, 83.453.

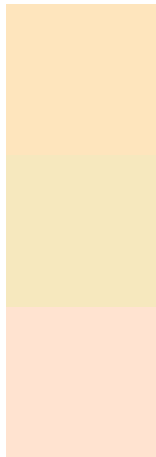


This preview shows how white text looks on a background with the CIELCh color 92, 22.774, 83.453.

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

92, 22.794, 83.440

Protanopia

92, 22.241, 94.458

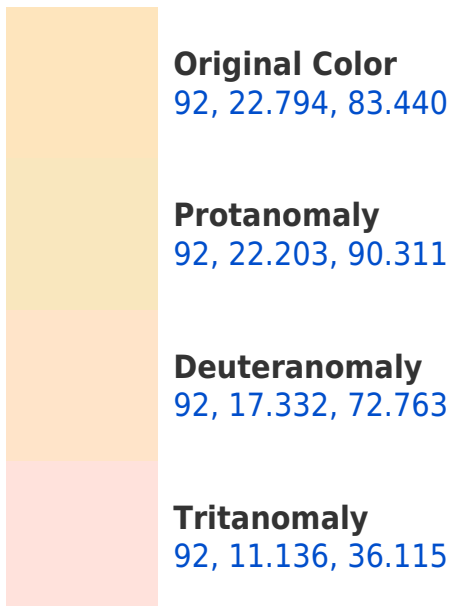
Deuteranopia

92, 14.411, 62.468



Tritanopia
92, 13.269, 347.394

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 22.774, 83.453 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(254, 229, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 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(254, 229, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 22.774, 83.453 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(254, 229, 189) }
```

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

```
.border{ border-color:rgb(254, 229, 189) }
```

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

Here you see how a box with a 4 pixel rgb(254, 229, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 22.774, 83.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 189) }
```

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

```
.background{ background-color: rgb(254,  
229, 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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