

Converting Colors

CIELCh(92, 21.642, 79.803)

Have a look what the booklet for
CIELCh(92, 21.642, 79.803) contains.

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Color

CIELCh(92, 21.321, 79.496)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C0
RGB	255, 228, 192
RGB Percent	100%, 89%, 75%
CMY	0.0000, 0.1051, 0.2463
CMYK	0.00, 0.11, 0.25, 0.00
HSL	34°, 100%, 88%
HSV	34°, 25%, 100%
XYZ	78.6446, 80.7044, 61.4102
YIQ	231.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

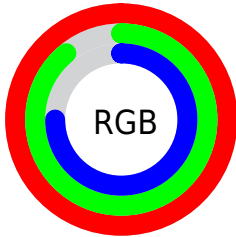
Format	Color
R _Y B	239, 255, 192
Decimal	16770240
CIE Lab	92.00, 3.89, 20.96
CIE LCh	92, 21.321, 79.496
Yxy	80.7044, 0.3562, 0.3656
Android (android.graphics.Color)	4294960320 (0xFFFFE4C0)
YUV	231.9690, -19.7047, 20.1982
Hunter-Lab	89.8356, -0.9484, 22.3552

Details

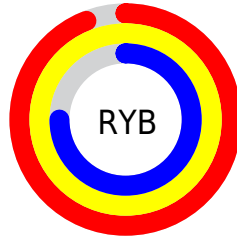
The CIELCh color **92, 21.321, 79.496** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 20.497, 266.722**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **72, 21.667, 79.926** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.448, 78.325**, and if you desaturate by 10%, it is **95, 12.420, 81.006**.

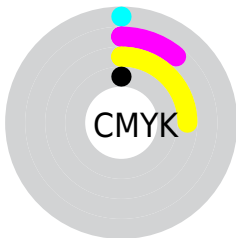
Distribution



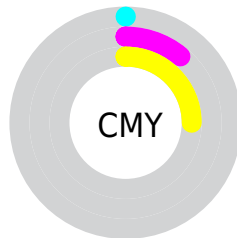
- Red (100%)
- Green (89%)
- Blue (75%)



- Red (94%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 21.321, 79.496 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, 21.321, 79.496 by changing the saturation by 10% instead.

 92, 21.321, 79.496

 92, 21.321, 79.496

 100, 21.321,
79.496

 82, 21.321, 79.496

 72, 21.321, 79.496

 62, 21.321, 79.496

 52, 21.321, 79.496

 42, 21.321, 79.496

 32, 21.321, 79.496

 22, 21.321, 79.496

 12, 21.321, 79.496

 2, 21.321, 79.496

92, 21.321, 79.496

92, 21.321, 79.496

89, 30.448, 78.325

95, 12.420, 81.006

86, 39.882, 76.929

98, 3.858, 82.235

83, 49.491, 75.490

100, 0.012,
296.813

80, 59.059, 73.977

77, 68.148, 72.314

75, 75.974, 70.343

72, 81.432, 67.791

71, 83.404, 66.188

Harmonies

Complementary

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



92, 21.321, 79.496



87, 20.497, 266.722

Rectangle

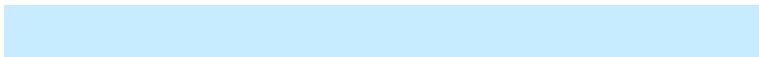
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 21.321, 79.496



92, 21.321, 129.496



92, 21.321, 259.496



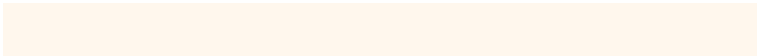
92, 21.321, 309.496

Sweetspot

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



92, 21.283, 79.685



98, 5.859, 81.965



84, 26.972, 349.808



52, 3.812, 81.893



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

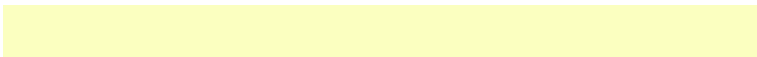
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 21.283, 79.685



90, 26.166, 78.959



98, 31.674, 110.650



52, 4.781, 81.659



54, 67.055, 66.857



17, 27.198, 69.198

Inverse Universe

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



87, 20.497, 266.722



84, 24.971, 267.768



80, 33.581, 295.386



50, 4.726, 264.250



37, 67.215, 290.562



10, 27.062, 284.615

Previews

White Background



This preview shows how the CIE LCh color 92, 21.321, 79.496 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, 21.321, 79.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

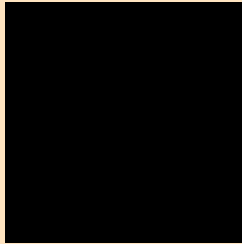
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 21.321, 79.496

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.321, 79.496.

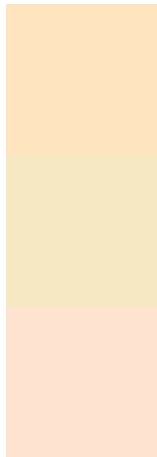


This preview shows how white text looks on a background with the CIELCh color 92, 21.321, 79.496.

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, 21.321, 79.496

Protanopia

92, 20.153, 94.363

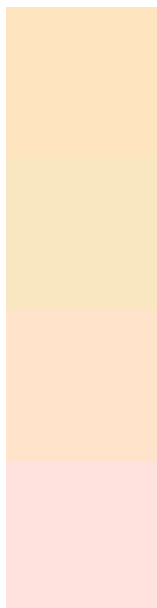
Deuteranopia

92, 14.050, 61.011



Tritanopia
92, 13.269, 347.394

Trichromacy



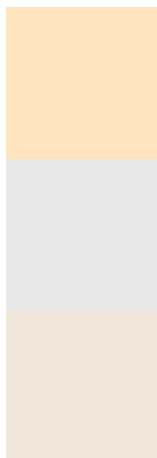
Original Color
92, 21.321, 79.496

Protanomaly
92, 20.737, 89.190

Deuteranomaly
92, 16.344, 68.710

Tritanomaly
92, 10.985, 33.578

Monochromacy



Original Color
92, 21.321, 79.496

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 7.447, 83.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.321, 79.496 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.321, 79.496 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, 192) }
```

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

```
.border{ border-color:rgb(255, 228, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 192); box-shadow:4px 4px 4px 4px rgb(255, 228, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.321, 79.496 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
228, 192) }
```

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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