

Converting Colors

CIELCh(100, 46.517, 41.817)

Have a look what the booklet for
CIELCh(100, 46.517, 41.817)
contains.

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Color

CIELCh(92, 19.514, 76.865)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C4
RGB	255, 228, 196
RGB Percent	100%, 89%, 77%
CMY	0.0001, 0.1060, 0.2315
CMYK	0.00, 0.11, 0.23, 0.00
HSL	33°, 100%, 88%
HSV	33°, 23%, 100%
XYZ	78.9202, 80.7044, 63.6218
YIQ	232.4250, 26.3640, -4.2280

Conversions

Conversions Part 2

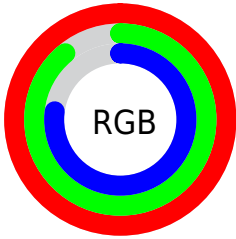
Format	Color
R_{YB}	246, 255, 196
Decimal	16770244
CIE _{Lab}	92.00, 4.43, 19.00
CIE _{LCh}	92, 19.514, 76.865
Yxy	80.7044, 0.3535, 0.3615
Android (android.graphics.Color)	4294960324 (0xFFFFE4C4)
YUV	232.4250, -17.9575, 19.7983
Hunter-Lab	89.8356, -0.4009, 20.8957

Details

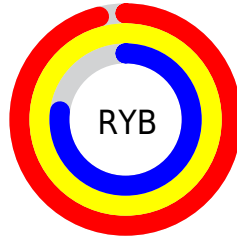
The CIELCh color **92, 19.514, 76.865** is a light color, and the websafe version is hex **FFFFCC**, and the color name is **bisque**. A complement of this color would be **88, 18.631, 263.397**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **72, 19.751, 77.344** is the 20% darker color. If you saturate the color by 10%, you get **89, 28.518, 75.544**, and if you desaturate by 10%, it is **95, 10.858, 78.167**.

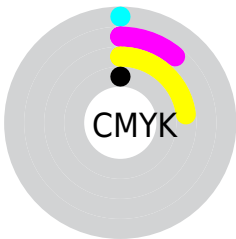
Distribution



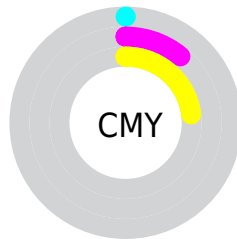
- Red (100%)
- Green (89%)
- Blue (77%)



- Red (96%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 19.514, 76.865 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, 19.514, 76.865 by changing the saturation by 10% instead.

 92, 19.514, 76.865

 92, 19.514, 76.865

 100, 19.514,
76.865

 82, 19.514, 76.865

 72, 19.514, 76.865

 62, 19.514, 76.865

 52, 19.514, 76.865

 42, 19.514, 76.865

 32, 19.514, 76.865

 22, 19.514, 76.865

 12, 19.514, 76.865

 2, 19.514, 76.865

92, 19.514, 76.865

92, 19.514, 76.865

89, 28.518, 75.544

95, 10.858, 78.167

85, 37.854, 74.187

99, 2.537, 79.323

82, 47.455, 72.796

100, 0.016,
245.959

79, 57.144, 71.346

76, 66.550, 69.764

73, 74.959, 67.897

71, 81.268, 65.462

69, 84.175, 63.413

Harmonies

Complementary

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



92, 19.514, 76.865



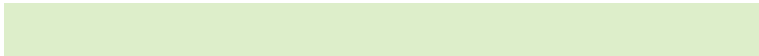
88, 18.631, 263.397

Rectangle

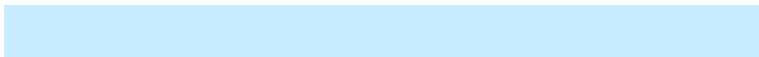
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 19.514, 76.865



92, 19.514, 126.865



92, 19.514, 256.865



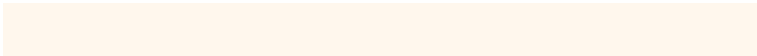
92, 19.514, 306.865

Sweetspot

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



92, 19.515, 76.874



98, 5.712, 78.922



85, 25.799, 347.646



52, 3.716, 78.851



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, 19.515, 76.874



90, 23.850, 76.231



99, 29.742, 109.352



51, 4.664, 78.621



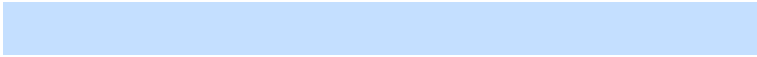
53, 67.629, 64.106



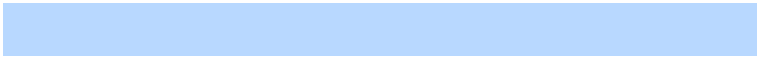
17, 27.063, 66.094

Inverse Universe

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



88, 18.631, 263.397



85, 22.521, 264.318



81, 31.418, 294.045



50, 4.590, 261.204



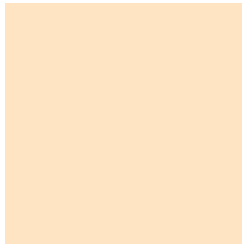
39, 63.399, 288.072



11, 25.620, 281.864

Previews

White Background



This preview shows how the CIE LCh color 92, 19.514, 76.865 looks on a white background.

Color Contrast Check

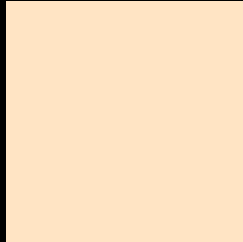
Large Text (above 18pt) WCAG AA × Fail

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, 19.514, 76.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

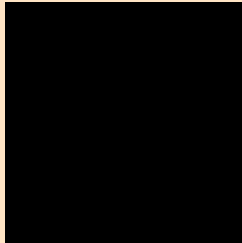
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 19.514, 76.865

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.514, 76.865.

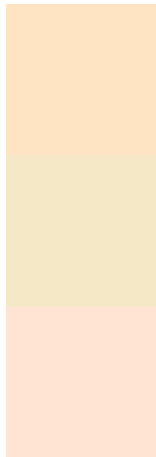


This preview shows how white text looks on a background with the CIELCh color 92, 19.514, 76.865.

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, 19.514, 76.865

Protanopia

92, 18.063, 94.192

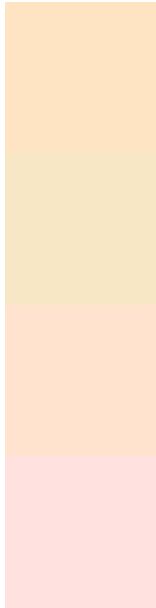
Deuteranopia

92, 13.358, 57.859



Tritanopia
92, 13.269, 347.394

Trichromacy



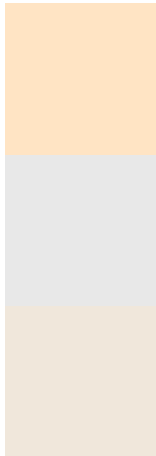
Original Color
92, 19.514, 76.865

Protanomaly
92, 18.659, 88.487

Deuteranomaly
92, 15.161, 65.162

Tritanomaly
92, 11.055, 25.446

Monochromacy



Original Color
92, 19.514, 76.865

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.985, 81.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.514, 76.865 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.514, 76.865 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, 196) }
```

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

```
.border{ border-color:rgb(255, 228, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.514, 76.865 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
228, 196) }
```

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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