

Converting Colors

CIELCh(92, 18.495, 108.684)

Have a look what the booklet for
CIELCh(92, 18.495, 108.684)
contains.

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Color

CIELCh(92, 18.495, 108.684)

Conversions

Conversions Part 1

Format	Color
Hex	EAEAC6
RGB	234, 234, 198
RGB Percent	92%, 92%, 78%
CMY	0.0809, 0.0809, 0.2221
CMYK	0.00, 0.00, 0.15, 0.08
HSL	60°, 47%, 85%
HSV	60°, 15%, 92%
XYZ	73.8154, 80.7044, 65.3299
YIQ	229.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

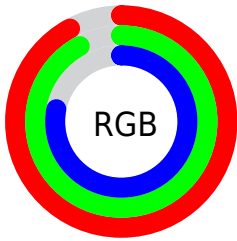
Format	Color
RYB	198, 234, 198
Decimal	15395526
CIELab	92.00, -5.92, 17.52
CIELCh	92, 18.495, 108.684
Yxy	80.7044, 0.3358, 0.3671
Android (android.graphics.Color)	4293585606 (0xFFEAEAC6)
YUV	229.8960, -15.7247, 3.5992
Hunter-Lab	89.8356, -10.5440, 19.7683

Details

The CIELCh color **92, 18.495, 108.684** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 19.161, 291.860**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 18.364, 108.354** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.403, 107.716**, and if you desaturate by 10%, it is **93, 6.468, 109.655**.

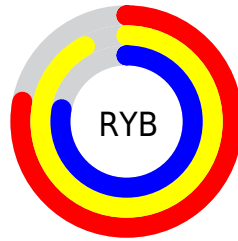
Distribution



Red (92%)

Green (92%)

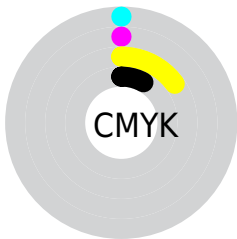
Blue (78%)



Red (78%)

Yellow (92%)

Blue (78%)

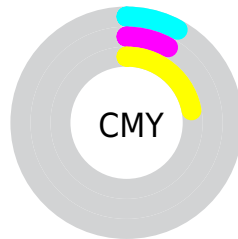


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 18.495, 108.684 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, 18.495, 108.684 by changing the saturation by 10% instead.


 92, 18.495,
108.684


 92, 18.495,
108.684

 100, 18.495,
108.684

 82, 18.495,
108.684


 72, 18.495,
108.684

 62, 18.495,
108.684

 52, 18.495,
108.684

 42, 18.495,
108.684

 32, 18.495,
108.684

 22, 18.495,

108.684

■ 12, 18.495,
108.684

■ 2, 18.495, 108.684

■ 92, 18.495,
108.684

■ 92, 18.495,
108.684

■ 92, 30.403,
107.716

■ 93, 6.468, 109.655

■ 91, 42.073,
106.755

■ 93, 5.611, 290.636

■ 91, 53.331,
105.831

■ 93, 10.646,
291.023

■ 91, 63.904,
104.972

■ 93, 10.646,
291.028

■ 93, 10.646,
291.032

■ 90, 73.394,
104.214

■ 93, 10.646,
291.037

■ 90, 81.267,
103.596

■ 93, 10.646,
291.041

■ 90, 86.949,
103.159

■ 93, 10.646,
291.046

■ 90, 90.084,
102.921

■ 93, 10.646,
291.050

■ 90, 90.919,
102.858

Harmonies

Complementary

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



92, 18.495, 108.684



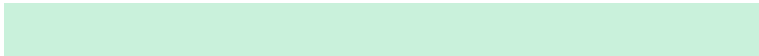
81, 19.161, 291.860

Rectangle

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



92, 18.495, 108.684



92, 18.495, 158.684



92, 18.495, 288.684



92, 18.495, 338.684

Sweetspot

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



92, 18.497, 108.690



100, 6.453, 109.687



83, 13.571, 20.422



53, 4.403, 109.621



0, 0.000, 0.000



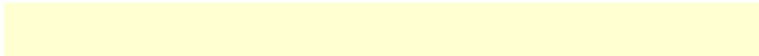
53, 0.007, 296.813

Same Dimension

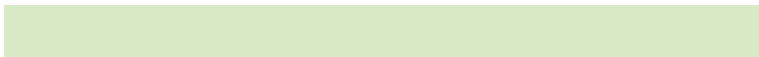
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 18.497, 108.690



99, 23.180, 108.425



91, 19.761, 128.379



49, 6.852, 109.262



71, 74.937, 102.858



21, 30.655, 103.470

Inverse Universe

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



81, 19.161, 291.860



85, 24.169, 292.203



82, 20.182, 309.773



45, 7.006, 291.168



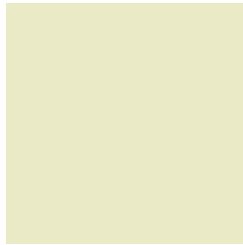
21, 103.474, 306.288



2, 35.735, 297.753

Previews

White Background



This preview shows how the CIELCh color 92, 18.495, 108.684 looks on a white background.

Color Contrast Check

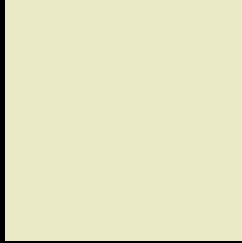
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 18.495, 108.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

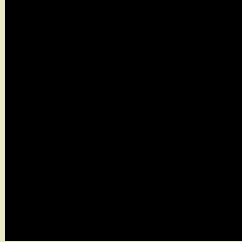
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

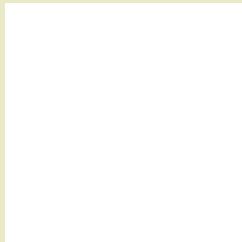
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.495, 108.684

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.495, 108.684.

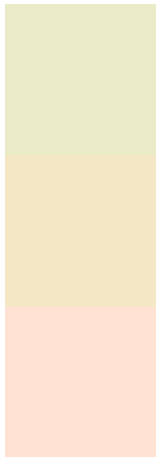


This preview shows how white text looks on a background with the CIELCh color 92, 18.495, 108.684.

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, 18.495, 108.684

Protanopia

92, 18.178, 93.017

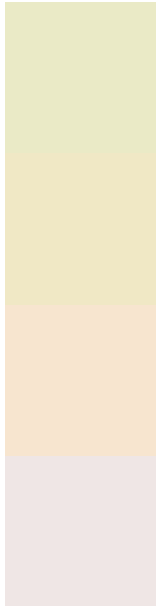
Deuteranopia

92, 13.042, 53.428



Tritanopia
92, 10.421, 316.721

Trichromacy



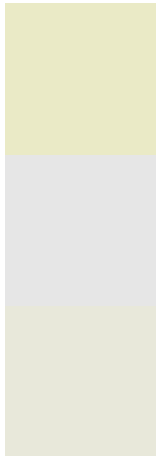
Original Color
92, 18.495, 108.684

Protanomaly
92, 18.248, 99.174

Deuteranomaly
92, 13.196, 78.533

Tritanomaly
92, 3.268, 28.511

Monochromacy



Original Color
92, 18.495, 108.684

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 7.214, 109.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.495, 108.684 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(234, 234, 198)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 198)  
}
```

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(234, 234, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.495, 108.684 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(234, 234, 198) }
```

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

```
.border{ border-color:rgb(234, 234, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 234, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 234, 198); box-shadow:4px 4px 4px 4px rgb(234, 234, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.495, 108.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 198) }
```

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

```
.background{ background-color: rgb(234,  
234, 198) }
```

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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