

Converting Colors

CIELCh(91, 12.508, 84.481)

Have a look what the booklet for
CIELCh(91, 12.508, 84.481) contains.

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Color

CIELCh(91, 12.497, 84.488)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4CE
RGB	242, 228, 206
RGB Percent	95%, 89%, 81%
CMY	0.0527, 0.1076, 0.1938
CMYK	0.00, 0.06, 0.15, 0.05
HSL	37°, 57%, 88%
HSV	37°, 15%, 95%
XYZ	75.1800, 78.4833, 69.3083
YIQ	229.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

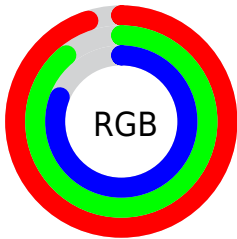
Format	Color
R _Y B	229, 242, 206
Decimal	15918286
CIE Lab	91.00, 1.20, 12.44
CIE LCh	91, 12.497, 84.488
Yxy	78.4833, 0.3372, 0.3520
Android (android.graphics.Color)	4294108366 (0xFFFF2E4CE)
YUV	229.6780, -11.6733, 10.8064
Hunter-Lab	88.5908, -3.5551, 15.6285

Details

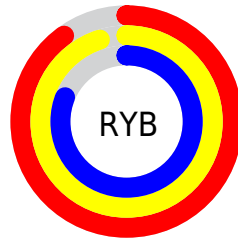
The CIELCh color **91, 12.497, 84.488** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87, 12.336, 268.553**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 12.528, 84.666** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.198, 83.175**, and if you desaturate by 10%, it is **94, 4.043, 85.740**.

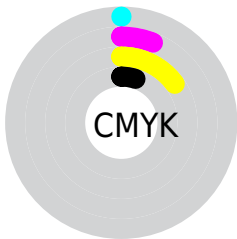
Distribution



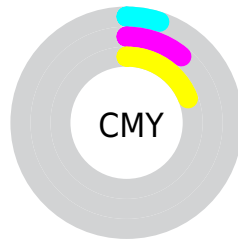
- Red (95%)
- Green (89%)
- Blue (81%)



- Red (90%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.497, 84.488 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 91, 12.497, 84.488 by changing the saturation by 10% instead.

91, 12.497, 84.488

91, 12.497, 84.488

100, 12.497,
84.488

81, 12.497, 84.488

71, 12.497, 84.488

61, 12.497, 84.488

51, 12.497, 84.488

41, 12.497, 84.488

31, 12.497, 84.488

21, 12.497, 84.488

11, 12.497, 84.488

1, 12.497, 84.488

91, 12.497, 84.488

91, 12.497, 84.488

88, 21.198, 83.175

94, 4.043, 85.740

85, 30.132, 81.805

97, 4.175, 267.147

83, 39.256, 80.395

99, 4.632, 199.255

80, 48.460, 78.937

77, 57.514, 77.402

75, 65.972, 75.723

73, 73.074, 73.760

70, 77.816, 71.276

69, 79.426, 69.829

Harmonies

Complementary

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



91, 12.497, 84.488



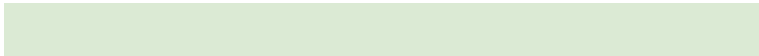
87, 12.336, 268.553

Rectangle

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



91, 12.497, 84.488



91, 12.497, 134.488



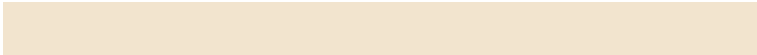
91, 12.497, 264.488



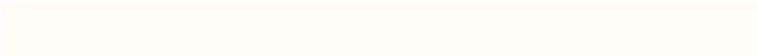
91, 12.497, 314.488

Sweetspot

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



91, 12.498, 84.500



99, 3.445, 85.835



86, 15.138, 350.790



53, 2.452, 85.754



0, 0.000, 0.000



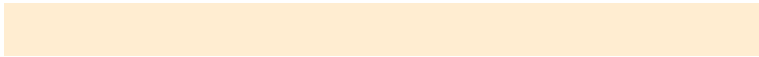
53, 0.007, 296.813

Same Dimension

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



91, 12.498, 84.500



95, 15.854, 84.087



94, 18.441, 112.889



49, 4.698, 85.192



54, 64.600, 70.455



16, 23.937, 72.905

Inverse Universe

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



87, 12.336, 268.553



90, 15.594, 269.058



84, 19.075, 295.458



47, 4.667, 267.750



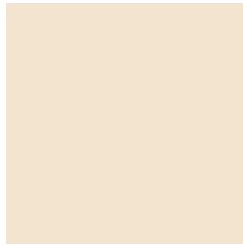
34, 69.625, 293.174



8, 25.933, 286.501

Previews

White Background



This preview shows how the CIELCh color 91, 12.497, 84.488 looks on a white background.

Color Contrast Check

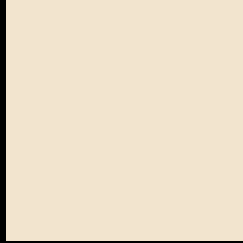
Large Text (above 18pt) WCAG AA × Fail

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 91, 12.497, 84.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

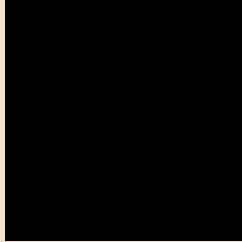
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

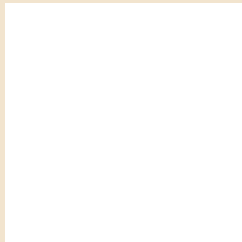
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.497, 84.488

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.497, 84.488.

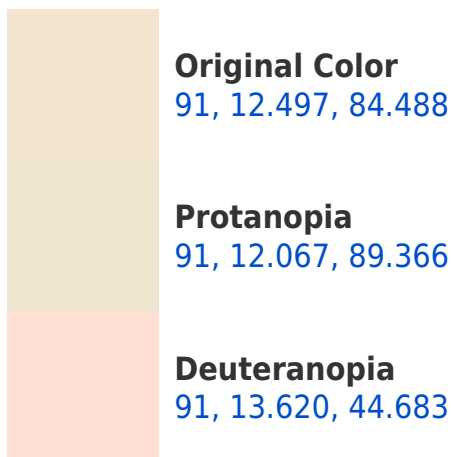



This preview shows how white text looks on a background with the CIELCh color 91, 12.497, 84.488.

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](#).

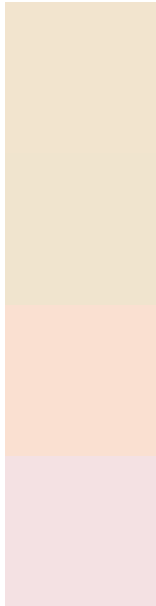
Dichromacy





Tritanopia
91, 12.055, 333.338

Trichromacy



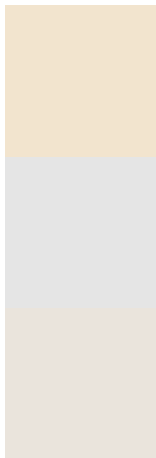
Original Color
91, 12.497, 84.488

Protanomaly
91, 12.200, 87.704

Deuteranomaly
91, 12.458, 58.193

Tritanomaly
91, 6.956, 11.287

Monochromacy



Original Color
91, 12.497, 84.488

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.654, 81.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.497, 84.488 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(242, 228, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 206)  
}
```

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(242, 228, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.497, 84.488 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(242, 228, 206) }
```

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

```
.border{ border-color:rgb(242, 228, 206) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.497, 84.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 206) }
```

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

```
.background{ background-color: rgb(242,  
228, 206) }
```

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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