

Converting Colors

CIELCh(92, 10.464, 88.530)

Have a look what the booklet for
CIELCh(92, 10.464, 88.530) contains.

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Color

CIELCh(92, 10.450, 88.651)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7D4
RGB	241, 231, 212
RGB Percent	95%, 91%, 83%
CMY	0.0544, 0.0936, 0.1681
CMYK	0.00, 0.04, 0.12, 0.05
HSL	39°, 51%, 89%
HSV	39°, 12%, 95%
XYZ	76.8288, 80.7044, 73.8973
YIQ	231.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

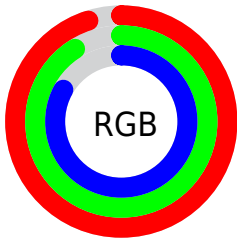
Format	Color
RYB	227, 241, 212
Decimal	15853524
CIELab	92.00, 0.25, 10.45
CIELCh	92, 10.450, 88.651
Yxy	80.7044, 0.3320, 0.3487
Android (android.graphics.Color)	4294043604 (0xFFFF1E7D4)
YUV	231.8240, -9.7732, 8.0474
Hunter-Lab	89.8356, -4.5564, 14.1140

Details

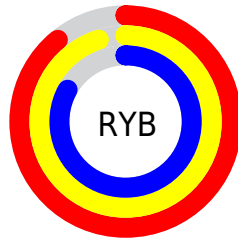
The CIELCh color **92, 10.450, 88.651** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 10.419, 271.858**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.518, 87.256** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.367, 87.367**, and if you desaturate by 10%, it is **95, 1.733, 89.792**.

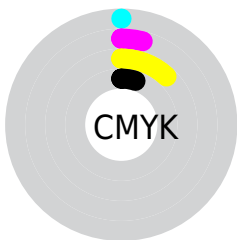
Distribution



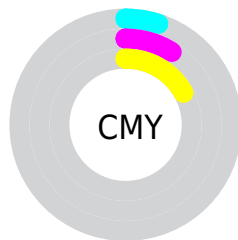
- Red (95%)
- Green (91%)
- Blue (83%)



- Red (89%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.450, 88.651 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, 10.450, 88.651 by changing the saturation by 10% instead.

 92, 10.450, 88.651

 92, 10.450, 88.651

 100, 10.450,
88.651

 82, 10.450, 88.651

 72, 10.450, 88.651

 62, 10.450, 88.651

 52, 10.450, 88.651

 42, 10.450, 88.651

 32, 10.450, 88.651

 22, 10.450, 88.651

 12, 10.450, 88.651

 2, 10.450, 88.651

92, 10.450, 88.651

92, 10.450, 88.651

89, 19.367, 87.367

95, 1.733, 89.792

87, 28.467, 86.020

97, 4.322, 258.601

84, 37.702, 84.631

99, 4.780, 199.241

82, 46.967, 83.196

80, 56.048, 81.699

77, 64.545, 80.094

75, 71.779, 78.286

73, 76.815, 76.101

72, 79.073, 74.028

Harmonies

Complementary

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



92, 10.450, 88.651



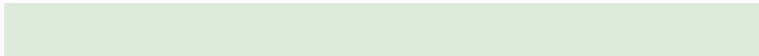
88, 10.419, 271.858

Rectangle

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



92, 10.450, 88.651



92, 10.450, 138.651



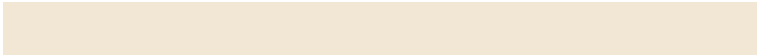
92, 10.450, 268.651



92, 10.450, 318.651

Sweetspot

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



92, 10.451, 88.664



99, 3.597, 89.627



88, 11.813, 353.698



53, 2.560, 89.545



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, 10.451, 88.664



96, 12.761, 88.408



94, 14.933, 115.161



49, 4.898, 88.984



56, 64.460, 74.587



16, 24.423, 77.349

Inverse Universe

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



88, 10.419, 271.858



92, 12.708, 272.157



86, 15.338, 297.027



47, 4.891, 271.495



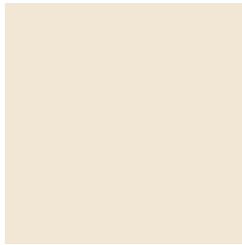
32, 75.013, 295.938



7, 27.737, 289.342

Previews

White Background



This preview shows how the CIELCh color 92, 10.450, 88.651 looks on a white background.

Color Contrast Check

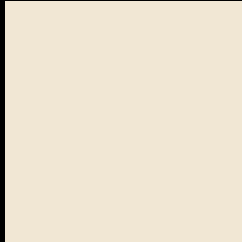
Large Text (above 18pt) WCAG AA × Fail

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, 10.450, 88.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

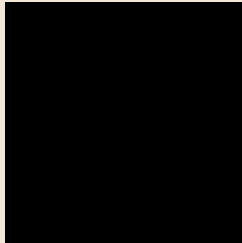
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

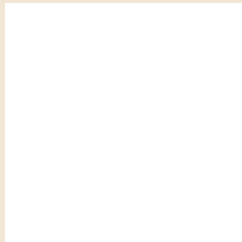
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.450, 88.651

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.450, 88.651.

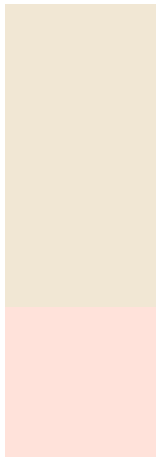


This preview shows how white text looks on a background with the CIELCh color 92, 10.450, 88.651.

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

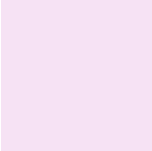
92, 10.450, 88.651

Protanopia

92, 10.450, 88.651

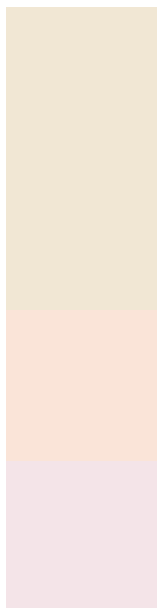
Deuteranopia

92, 11.502, 40.963



Tritanopia
92, 11.736, 327.716

Trichromacy



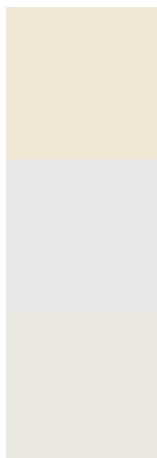
Original Color
92, 10.450, 88.651

Protanomaly
92, 10.450, 88.651

Deuteranomaly
92, 10.222, 56.901

Tritanomaly
92, 6.118, 0.042

Monochromacy



Original Color
92, 10.450, 88.651

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.751, 93.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.450, 88.651 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(241, 231, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 212)  
}
```

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(241, 231, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.450, 88.651 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(241, 231, 212) }
```

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

```
.border{ border-color:rgb(241, 231, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.450, 88.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 212) }
```

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

```
.background{ background-color: rgb(241,  
231, 212) }
```

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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