

Converting Colors

CIELCh(92, 11.084, 88.941)

Have a look what the booklet for
CIELCh(92, 11.084, 88.941) contains.

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Color

CIELCh(92, 11.068, 87.717)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7D3
RGB	242, 231, 211
RGB Percent	95%, 91%, 83%
CMY	0.0511, 0.0942, 0.1727
CMYK	0.00, 0.05, 0.13, 0.05
HSL	39°, 54%, 89%
HSV	39°, 13%, 95%
XYZ	76.9253, 80.7044, 73.1279
YIQ	232.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

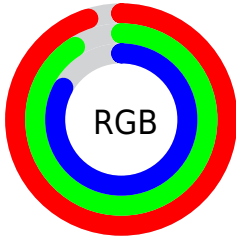
Format	Color
R_{YB}	228, 242, 211
Decimal	15919059
CIE _{Lab}	92.00, 0.44, 11.06
CIE _{LCh}	92, 11.068, 87.717
Y _{xy}	80.7044, 0.3334, 0.3497
Android (android.graphics.Color)	4294109139 (0xFFFF2E7D3)
YUV	232.0090, -10.3574, 8.7621
Hunter-Lab	89.8356, -4.3647, 14.6218

Details

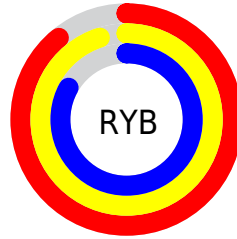
The CIELCh color **92, 11.068, 87.717** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 11.013, 271.155**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 11.175, 86.315** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.955, 86.423**, and if you desaturate by 10%, it is **95, 2.392, 88.907**.

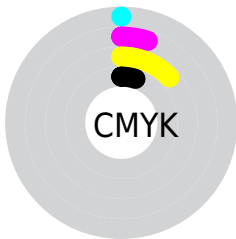
Distribution



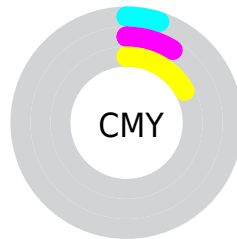
- Red (95%)
- Green (91%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.068, 87.717 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, 11.068, 87.717 by changing the saturation by 10% instead.

92, 11.068, 87.717

92, 11.068, 87.717

100, 11.068,
87.717

82, 11.068, 87.717

72, 11.068, 87.717

62, 11.068, 87.717

52, 11.068, 87.717

42, 11.068, 87.717

32, 11.068, 87.717

22, 11.068, 87.717

12, 11.068, 87.717

2, 11.068, 87.717

92, 11.068, 87.717

92, 11.068, 87.717

89, 19.955, 86.423

95, 2.392, 88.907

87, 29.035, 85.068

97, 4.076, 259.012

84, 38.263, 83.671

99, 4.494, 199.268

82, 47.529, 82.228

79, 56.613, 80.718

77, 65.102, 79.092

75, 72.293, 77.242

73, 77.231, 74.982

71, 79.293, 73.063

Harmonies

Complementary

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



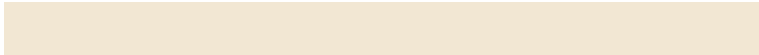
92, 11.068, 87.717



88, 11.013, 271.155

Rectangle

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



92, 11.068, 87.717



92, 11.068, 137.717



92, 11.068, 267.717



92, 11.068, 317.717

Sweetspot

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



92, 11.069, 87.730



99, 3.561, 88.794



87, 12.751, 352.692



53, 2.534, 88.713



0, 0.000, 0.000



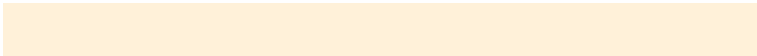
53, 0.007, 296.813

Same Dimension

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



92, 11.069, 87.730



96, 13.562, 87.443



94, 15.927, 114.423



49, 4.851, 88.151



55, 64.457, 73.644



16, 24.300, 76.356

Inverse Universe

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



88, 11.013, 271.155



91, 13.473, 271.492



86, 16.390, 296.482



47, 4.838, 270.674



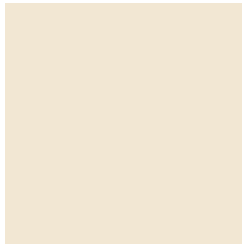
32, 73.792, 295.346



7, 27.339, 288.762

Previews

White Background



This preview shows how the CIELCh color 92, 11.068, 87.717 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, 11.068, 87.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

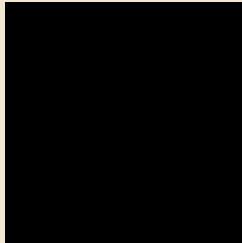
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

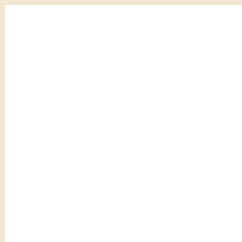
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.068, 87.717

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.068, 87.717.

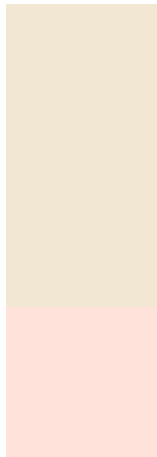


This preview shows how white text looks on a background with the CIELCh color 92, 11.068, 87.717.

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

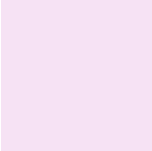
92, 11.068, 87.717

Protanopia

92, 10.936, 89.538

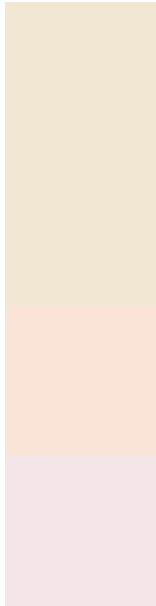
Deuteranopia

92, 11.715, 43.263



Tritanopia
92, 11.736, 327.716

Trichromacy



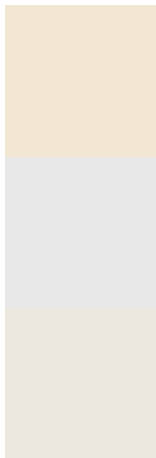
Original Color
92, 11.068, 87.717

Protanomaly
92, 10.936, 89.538

Deuteranomaly
92, 10.554, 59.057

Tritanomaly
92, 6.460, 1.162

Monochromacy



Original Color
92, 11.068, 87.717

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.351, 90.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.068, 87.717 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, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 211)  
}
```

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, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.068, 87.717 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, 231, 211) }
```

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

```
.border{ border-color:rgb(242, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.068, 87.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 211) }
```

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

```
.background{ background-color: rgb(242,  
231, 211) }
```

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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