

Converting Colors

CIELCh(92, 7.846, 86.529)

Have a look what the booklet for
CIELCh(92, 7.846, 86.529) contains.

CIELCh(92, 7.915, 84.948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 7.915, 84.948)

Conversions

Conversions Part 1

Format	Color
Hex	F0E7D9
RGB	240, 231, 217
RGB Percent	94%, 91%, 85%
CMY	0.0587, 0.0940, 0.1489
CMYK	0.00, 0.04, 0.10, 0.06
HSL	37°, 43%, 90%
HSV	37°, 10%, 94%
XYZ	77.0522, 80.7044, 77.1773
YIQ	232.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

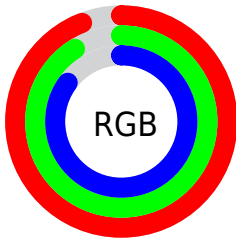
Format	Color
R_{YB}	232, 240, 217
Decimal	15787993
CIE _{Lab}	92.00, 0.70, 7.88
CIE _{LCh}	92, 7.915, 84.948
Y _{xy}	80.7044, 0.3280, 0.3435
Android (android.graphics.Color)	4293978073 (0xFFFF0E7D9)
Y _{UV}	232.0950, -7.4418, 6.9327
Hunter-Lab	89.8356, -4.1126, 11.9492

Details

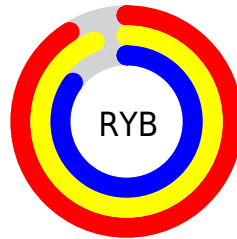
The CIELCh color **92, 7.915, 84.948** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 7.860, 267.553**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.861, 83.043** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.426, 83.673**, and if you desaturate by 10%, it is **95, 0.350, 267.205**.

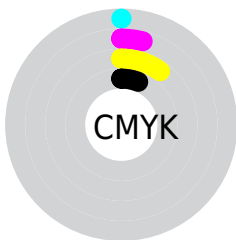
Distribution



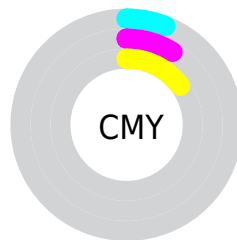
- Red (94%)
- Green (91%)
- Blue (85%)



- Red (91%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.915, 84.948 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, 7.915, 84.948 by changing the saturation by 10% instead.

 92, 7.915, 84.948	 92, 7.915, 84.948
 100, 7.915, 84.948	 82, 7.915, 84.948
	 72, 7.915, 84.948
	 62, 7.915, 84.948
	 52, 7.915, 84.948
	 42, 7.915, 84.948
	 32, 7.915, 84.948
	 22, 7.915, 84.948
	 12, 7.915, 84.948
	 2, 7.915, 84.948

92, 7.915, 84.948

92, 7.915, 84.948

89, 16.426, 83.673

95, 0.350, 267.205

86, 25.180, 82.326

98, 4.251, 238.064

84, 34.156, 80.939

99, 5.155, 199.207

81, 43.285, 79.509

78, 52.412, 78.022

76, 61.224, 76.432

73, 69.143, 74.644

71, 75.265, 72.470

69, 78.929, 69.734

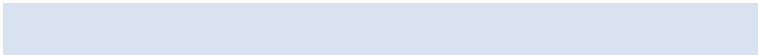
Harmonies

Complementary

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



92, 7.915, 84.948



90, 7.860, 267.553

Rectangle

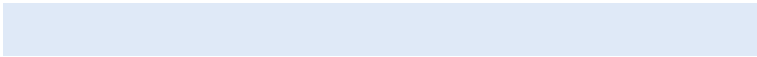
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 7.915, 84.948



92, 7.915, 134.948



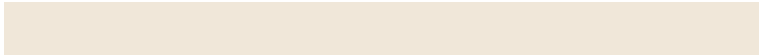
92, 7.915, 264.948



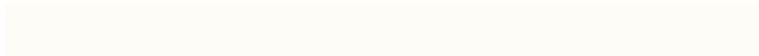
92, 7.915, 314.948

Sweetspot

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



92, 7.916, 84.966



99, 2.572, 85.715



89, 9.610, 350.240



53, 1.953, 85.641



0, 0.000, 0.000



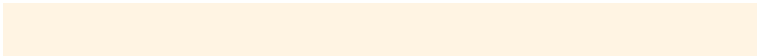
53, 0.007, 296.813

Same Dimension

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



92, 7.916, 84.966



97, 9.566, 84.783



94, 11.814, 113.326



49, 4.688, 84.979



54, 64.619, 70.234



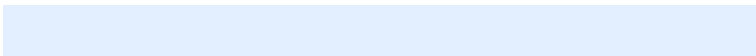
15, 23.916, 72.661

Inverse Universe

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



90, 7.860, 267.553



94, 9.481, 267.761



88, 12.079, 294.940



47, 4.656, 267.538



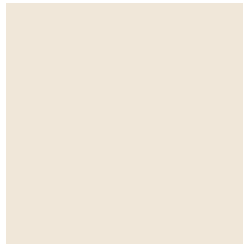
34, 69.335, 293.013



8, 25.833, 286.325

Previews

White Background



This preview shows how the CIELCh color 92, 7.915, 84.948 looks on a white background.

Color Contrast Check

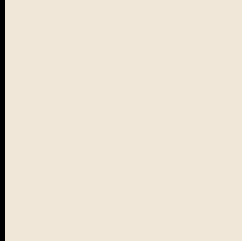
Large Text (above 18pt) WCAG AA × Fail

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, 7.915, 84.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

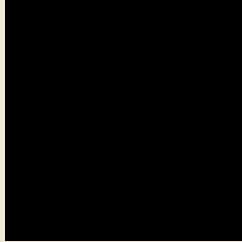
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

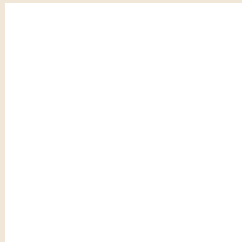
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.915, 84.948

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.915, 84.948.

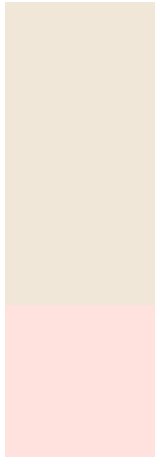


This preview shows how white text looks on a background with the CIELCh color 92, 7.915, 84.948.

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, 7.915, 84.948

Protanopia

92, 7.915, 84.948

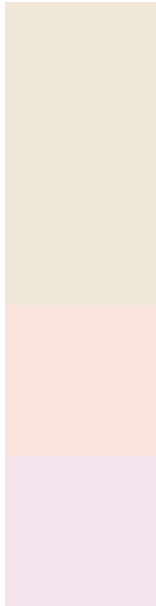
Deuteranopia

92, 11.236, 30.637



Tritanopia
92, 11.122, 323.300

Trichromacy



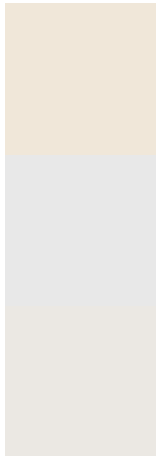
Original Color
92, 7.915, 84.948

Protanomaly
92, 7.915, 84.948

Deuteranomaly
92, 9.188, 42.935

Tritanomaly
92, 6.491, 345.940

Monochromacy



Original Color
92, 7.915, 84.948

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.777, 87.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.915, 84.948 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(240, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 217)  
}
```

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(240, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.915, 84.948 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(240, 231, 217) }
```

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

```
.border{ border-color:rgb(240, 231, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 231, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.915, 84.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 217) }
```

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

```
.background{ background-color: rgb(240,  
231, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor