

Converting Colors

CIELCh(92, 8.252, 88.706)

Have a look what the booklet for
CIELCh(92, 8.252, 88.706) contains.

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Color

CIELCh(92, 8.252, 88.706)

Conversions

Conversions Part 1

Format	Color
Hex	EFE7D8
RGB	239, 231, 216
RGB Percent	94%, 91%, 85%
CMY	0.0615, 0.0929, 0.1517
CMYK	0.00, 0.03, 0.10, 0.06
HSL	39°, 42%, 89%
HSV	39°, 10%, 94%
XYZ	76.7993, 80.7044, 76.7035
YIQ	231.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

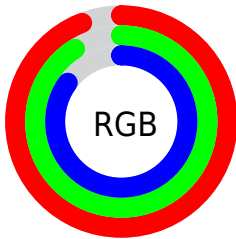
Format	Color
R_{YB}	228, 239, 216
Decimal	15722456
CIE Lab	92.00, 0.19, 8.25
CIE LCh	92, 8.252, 88.706
Yxy	80.7044, 0.3279, 0.3446
Android (android.graphics.Color)	4293912536 (0xFFEFE7D8)
YUV	231.6820, -7.7312, 6.4179
Hunter-Lab	89.8356, -4.6151, 12.2619

Details

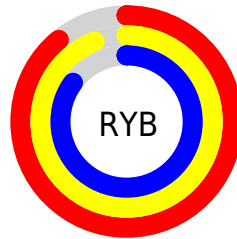
The CIELCh color **92, 8.252, 88.706** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 8.238, 271.273**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 8.198, 87.097** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.046, 87.440**, and if you desaturate by 10%, it is **95, 0.339, 270.861**.

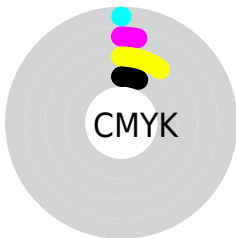
Distribution



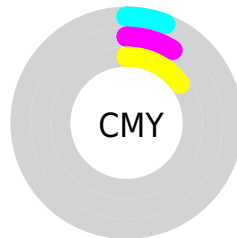
- Red (94%)
- Green (91%)
- Blue (85%)



- Red (89%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (6%)

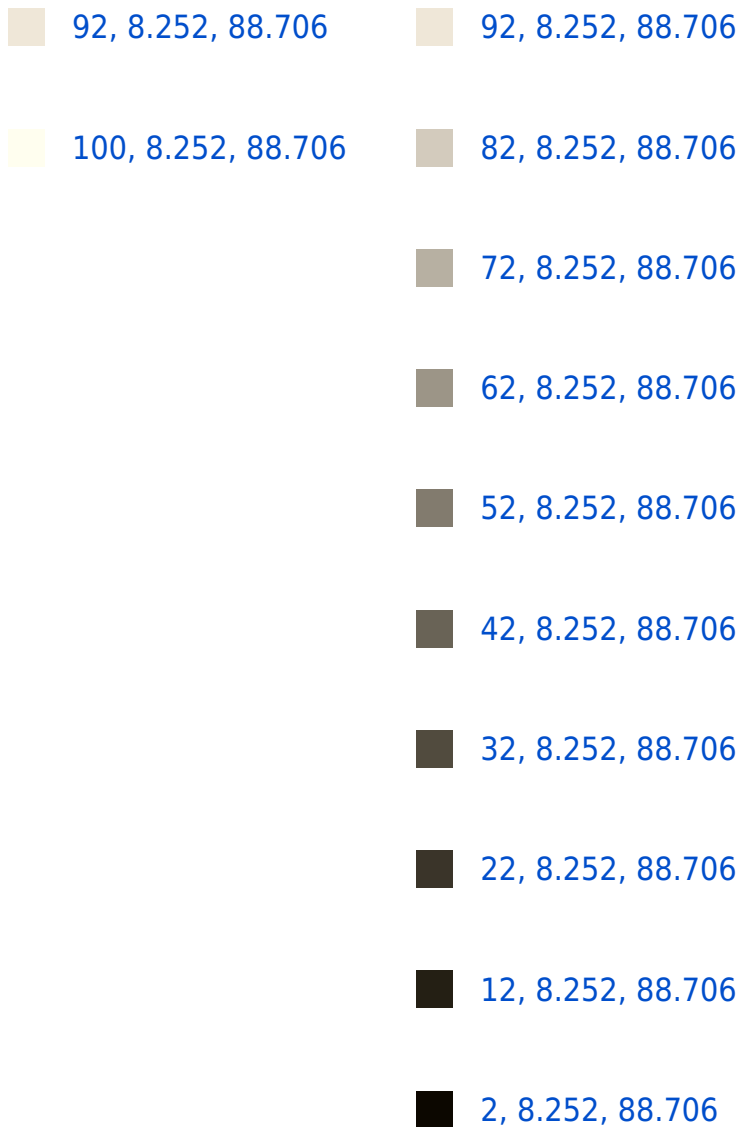


- Cyan (6%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.252, 88.706 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, 8.252, 88.706 by changing the saturation by 10% instead.



92, 8.252, 88.706

92, 8.252, 88.706

89, 17.046, 87.440

95, 0.339, 270.861

87, 26.030, 86.103

97, 4.631, 250.557

84, 35.169, 84.723

99, 5.395, 199.186

82, 44.376, 83.300

80, 53.473, 81.819

77, 62.119, 80.245

75, 69.713, 78.496

73, 75.370, 76.415

71, 78.515, 73.857

Harmonies

Complementary

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



92, 8.252, 88.706



89, 8.238, 271.273

Rectangle

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



92, 8.252, 88.706



92, 8.252, 138.706



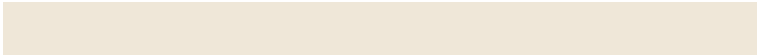
92, 8.252, 268.706



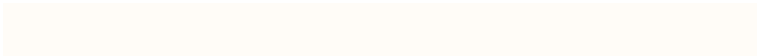
92, 8.252, 318.706

Sweetspot

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



92, 8.253, 88.722



99, 2.684, 89.479



88, 9.343, 353.440



53, 2.038, 89.402



0, 0.000, 0.000



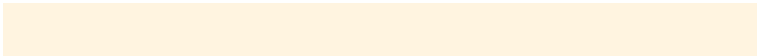
53, 0.007, 296.813

Same Dimension

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



92, 8.253, 88.722



97, 10.880, 88.418



94, 11.866, 115.343



49, 4.884, 88.739



56, 64.457, 74.308



16, 24.386, 77.056

Inverse Universe

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



89, 8.238, 271.273



93, 10.842, 271.618



87, 12.128, 296.818



47, 4.875, 271.254



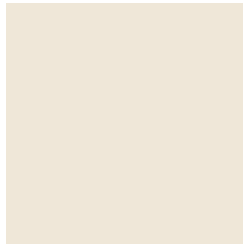
32, 74.652, 295.765



7, 27.620, 289.174

Previews

White Background



This preview shows how the CIELCh color 92, 8.252, 88.706 looks on a white background.

Color Contrast Check

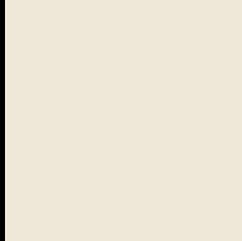
Large Text (above 18pt) WCAG AA × Fail

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, 8.252, 88.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

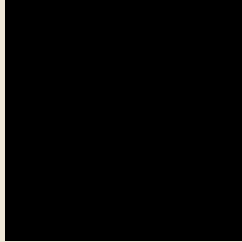
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

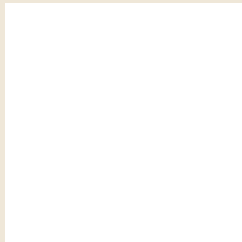
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.252, 88.706

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.252, 88.706.

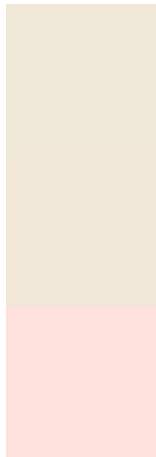


This preview shows how white text looks on a background with the CIELCh color 92, 8.252, 88.706.

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, 8.252, 88.706

Protanopia

92, 8.389, 86.343

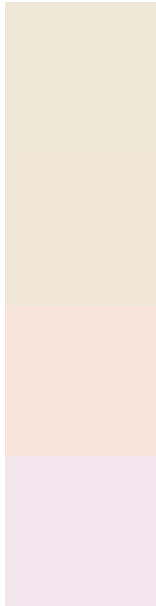
Deuteranopia

92, 11.136, 36.115



Tritanopia
92, 10.935, 321.730

Trichromacy



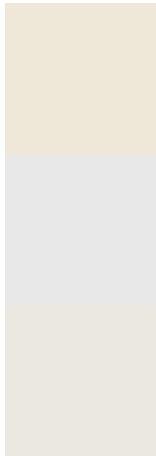
Original Color
92, 8.252, 88.706

Protanomaly
92, 8.389, 86.343

Deuteranomaly
92, 9.006, 50.711

Tritanomaly
92, 5.605, 346.150

Monochromacy



Original Color
92, 8.252, 88.706

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.259, 90.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.252, 88.706 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(239, 231, 216)` looks like.

```
.text, #text, p{  
    color:rgb(239, 231, 216)  
}
```

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(239, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 231, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.252, 88.706 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(239, 231, 216) }
```

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

```
.border{ border-color:rgb(239, 231, 216) }
```

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

Here you see how a box with a 4 pixel rgb(239, 231, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(239, 231,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.252, 88.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 231, 216) }
```

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

```
.background{ background-color: rgb(239,  
231, 216) }
```

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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