

Converting Colors

CIELCh(92, 8.511, 80.823)

Have a look what the booklet for
CIELCh(92, 8.511, 80.823) contains.

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Color

CIELCh(92, 8.706, 81.854)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7D8
RGB	242, 231, 216
RGB Percent	95%, 91%, 85%
CMY	0.0524, 0.0955, 0.1543
CMYK	0.00, 0.05, 0.11, 0.05
HSL	35°, 49%, 90%
HSV	35°, 11%, 95%
XYZ	77.3186, 80.7044, 76.2283
YIQ	232.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

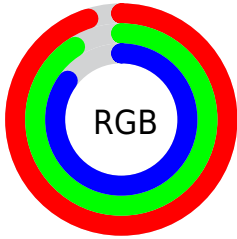
Format	Color
R_{YB}	235, 242, 216
Decimal	15919064
CIE Lab	92.00, 1.23, 8.62
CIE LCh	92, 8.706, 81.854
Yxy	80.7044, 0.3301, 0.3445
Android (android.graphics.Color)	4294109144 (0xFF2E7D8)
YUV	232.5790, -8.1734, 8.2622
Hunter-Lab	89.8356, -3.5833, 12.5755

Details

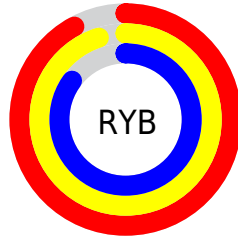
The CIELCh color **92, 8.706, 81.854** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 8.592, 264.789**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 8.714, 79.903** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.099, 80.574**, and if you desaturate by 10%, it is **95, 0.594, 82.592**.

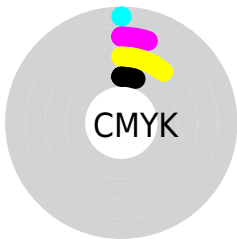
Distribution



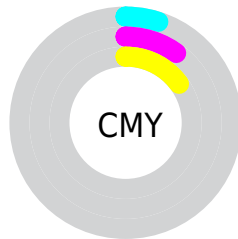
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (92%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.706, 81.854 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, 8.706, 81.854 by changing the saturation by 10% instead.

 92, 8.706, 81.854

 92, 8.706, 81.854

 100, 8.706, 81.854

 82, 8.706, 81.854

 72, 8.706, 81.854

 62, 8.706, 81.854

 52, 8.706, 81.854

 42, 8.706, 81.854

 32, 8.706, 81.854

 22, 8.706, 81.854

 12, 8.706, 81.854

 2, 8.706, 81.854

92, 8.706, 81.854

92, 8.706, 81.854

89, 17.099, 80.574

95, 0.594, 82.592

86, 25.776, 79.230

98, 3.792, 231.216

83, 34.723, 77.849

99, 4.605, 199.257

80, 43.874, 76.431

77, 53.079, 74.953

75, 62.016, 73.365

72, 70.085, 71.549

70, 76.327, 69.282

68, 79.972, 66.649

Harmonies

Complementary

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



92, 8.706, 81.854



90, 8.592, 264.789

Rectangle

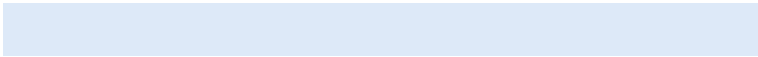
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 8.706, 81.854



92, 8.706, 131.854



92, 8.706, 261.854



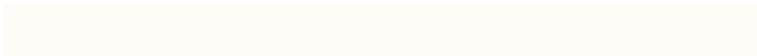
92, 8.706, 311.854

Sweetspot

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



92, 8.707, 81.871



99, 2.497, 82.757



89, 11.089, 348.331



53, 1.897, 82.686



0, 0.000, 0.000



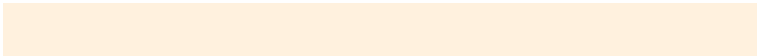
53, 0.007, 296.813

Same Dimension

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



92, 8.707, 81.871



96, 11.037, 81.581



95, 13.309, 111.869



49, 4.559, 82.031



52, 64.975, 67.313



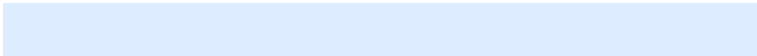
15, 23.667, 69.356

Inverse Universe

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



90, 8.592, 264.789



93, 10.850, 265.126



87, 13.645, 293.805



47, 4.509, 264.606



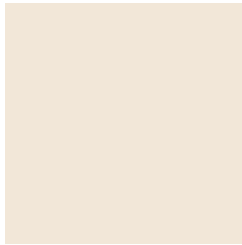
36, 65.467, 290.728



8, 24.473, 283.748

Previews

White Background



This preview shows how the CIELCh color 92, 8.706, 81.854 looks on a white background.

Color Contrast Check

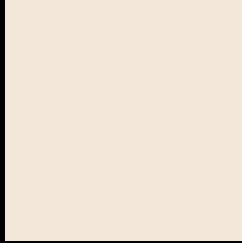
Large Text (above 18pt) WCAG AA × Fail

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, 8.706, 81.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

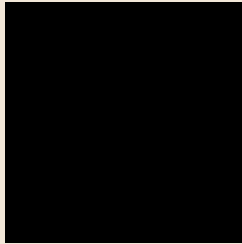
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

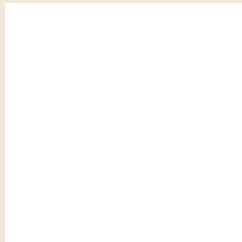
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.706, 81.854

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.706, 81.854.

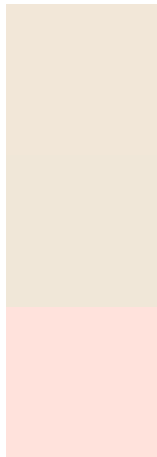


This preview shows how white text looks on a background with the CIELCh color 92, 8.706, 81.854.

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

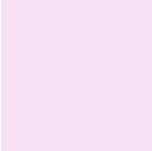
92, 8.706, 81.854

Protanopia

92, 8.389, 86.343

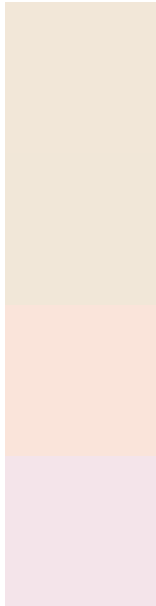
Deuteranopia

92, 11.136, 36.115



Tritanopia
92, 11.736, 327.716

Trichromacy



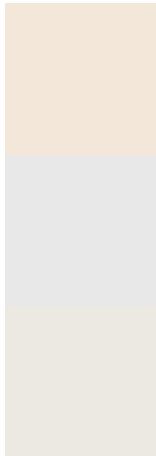
Original Color
92, 8.706, 81.854

Protanomaly
92, 8.541, 84.058

Deuteranomaly
92, 9.608, 52.151

Tritanomaly
92, 6.533, 351.498

Monochromacy



Original Color
92, 8.706, 81.854

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.393, 84.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.706, 81.854 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.706, 81.854 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, 216) }
```

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

```
.border{ border-color:rgb(242, 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(242, 231, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.706, 81.854 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, 216) }
```

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

```
.background{ background-color: rgb(242,  
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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