

Converting Colors

CIELCh(92, 6.714, 81.059)

Have a look what the booklet for
CIELCh(92, 6.714, 81.059) contains.

CIELCh(92, 6.985, 81.576)	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, 6.985, 81.576)

Conversions

Conversions Part 1

Format	Color
Hex	F0E7DB
RGB	240, 231, 219
RGB Percent	94%, 91%, 86%
CMY	0.0593, 0.0945, 0.1416
CMYK	0.00, 0.04, 0.09, 0.06
HSL	34°, 41%, 90%
HSV	34°, 9%, 94%
XYZ	77.2141, 80.7044, 78.4497
YIQ	232.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

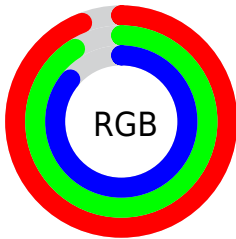
Format	Color
RYB	235, 240, 219
Decimal	15787995
CIELab	92.00, 1.02, 6.91
CIELCh	92, 6.985, 81.576
Yxy	80.7044, 0.3267, 0.3414
Android (android.graphics.Color)	4293978075 (0xFFFF0E7DB)
YUV	232.3230, -6.5682, 6.7327
Hunter-Lab	89.8356, -3.7909, 11.1095

Details

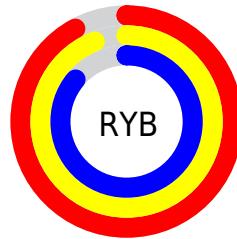
The CIELCh color **92, 6.985, 81.576** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 6.913, 263.982**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.897, 79.234** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.240, 80.317**, and if you desaturate by 10%, it is **95, 0.989, 263.277**.

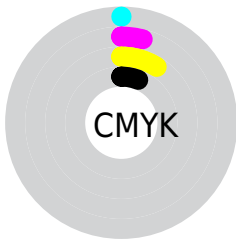
Distribution



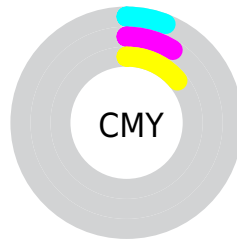
- Red (94%)
- Green (91%)
- Blue (86%)



- Red (92%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.985, 81.576 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, 6.985, 81.576 by changing the saturation by 10% instead.

 92, 6.985, 81.576

 92, 6.985, 81.576

 100, 6.985, 81.576

 82, 6.985, 81.576

 72, 6.985, 81.576

 62, 6.985, 81.576

 52, 6.985, 81.576

 42, 6.985, 81.576

 32, 6.985, 81.576

 22, 6.985, 81.576

 12, 6.985, 81.576

 2, 6.985, 81.576

92, 6.985, 81.576

92, 6.985, 81.576

89, 15.240, 80.317

95, 0.989, 263.277

86, 23.784, 78.984

98, 4.342, 224.029

83, 32.610, 77.615

99, 5.200, 199.203

80, 41.669, 76.210

77, 50.834, 74.754

74, 59.834, 73.202

72, 68.141, 71.452

69, 74.870, 69.303

67, 79.161, 66.516

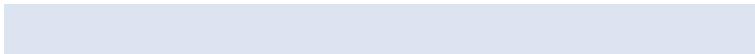
Harmonies

Complementary

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



92, 6.985, 81.576



90, 6.913, 263.982

Rectangle

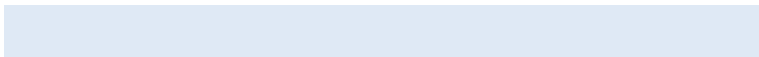
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 6.985, 81.576



92, 6.985, 131.576



92, 6.985, 261.576



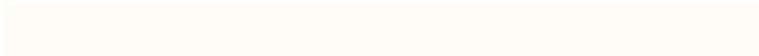
92, 6.985, 311.576

Sweetspot

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



92, 6.986, 81.596



99, 2.485, 82.230



89, 8.946, 348.131



53, 1.888, 82.160



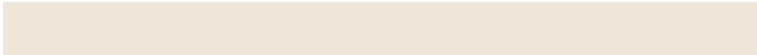
0, 0.000, 0.000



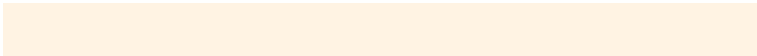
53, 0.007, 296.813

Same Dimension

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



92, 6.986, 81.596



96, 9.264, 81.312



94, 10.770, 112.043



49, 4.538, 81.507



52, 65.055, 66.818



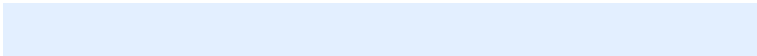
15, 23.633, 68.781

Inverse Universe

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



90, 6.913, 263.982



94, 9.129, 264.305



88, 10.996, 293.606



47, 4.485, 264.082



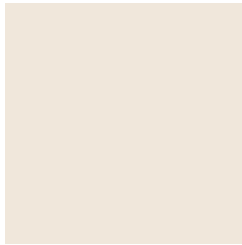
36, 64.807, 290.310



8, 24.243, 283.276

Previews

White Background



This preview shows how the CIELCh color 92, 6.985, 81.576 looks on a white background.

Color Contrast Check

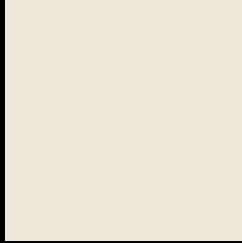
Large Text (above 18pt) WCAG AA × Fail

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, 6.985, 81.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

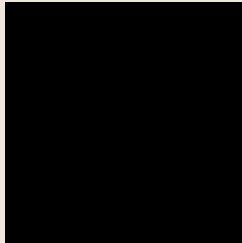
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

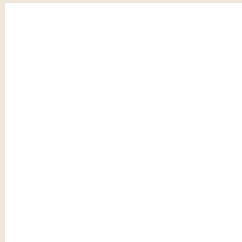
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.985, 81.576

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.985, 81.576.

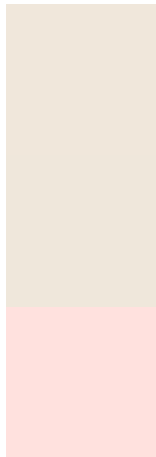


This preview shows how white text looks on a background with the CIELCh color 92, 6.985, 81.576.

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, 6.985, 81.576

Protanopia

92, 6.821, 84.308

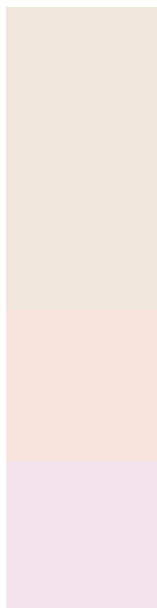
Deuteranopia

92, 11.134, 28.063



Tritanopia
92, 11.122, 323.300

Trichromacy



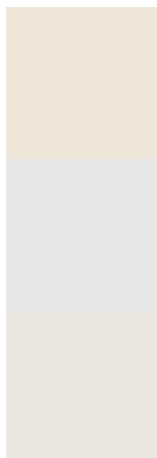
Original Color
92, 6.985, 81.576

Protanomaly
92, 6.821, 84.308

Deuteranomaly
92, 8.984, 39.963

Tritanomaly
92, 6.791, 342.328

Monochromacy



Original Color
92, 6.985, 81.576

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, 6.985, 81.576 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.985, 81.576 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, 219) }
```

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

```
.border{ border-color:rgb(240, 231, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.985, 81.576 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, 219) }
```

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

```
.background{ background-color: rgb(240,  
231, 219) }
```

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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