

Converting Colors

CIELCh(92, 12.500, 95.531)

Have a look what the booklet for
CIELCh(92, 12.500, 95.531) contains.

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Color

CIELCh(92, 12.697, 95.624)

Conversions

Conversions Part 1

Format	Color
Hex	F0E8D0
RGB	240, 232, 208
RGB Percent	94%, 91%, 82%
CMY	0.0593, 0.0906, 0.1847
CMYK	0.00, 0.03, 0.13, 0.06
HSL	45°, 51%, 88%
HSV	45°, 13%, 94%
XYZ	76.0937, 80.7044, 71.1708
YIQ	231.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

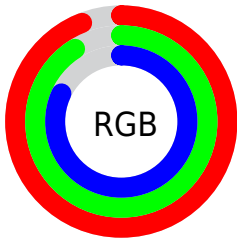
Format	Color
R _Y B	219, 240, 208
Decimal	15788240
CIE Lab	92.00, -1.24, 12.64
CIE LCh	92, 12.697, 95.624
Yxy	80.7044, 0.3338, 0.3540
Android (android.graphics.Color)	4293978320 (0xFFFF0E8D0)
YUV	231.6560, -11.6624, 7.3177
Hunter-Lab	89.8356, -6.0171, 15.9134

Details

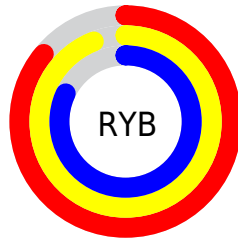
The CIELCh color **92, 12.697, 95.624** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86, 12.819, 278.976**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.326, 94.135** is the 20% darker color. If you saturate the color by 10%, you get **90, 22.351, 94.401**, and if you desaturate by 10%, it is **94, 3.150, 96.783**.

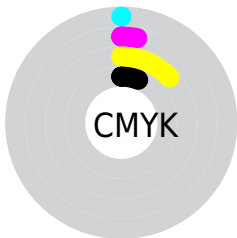
Distribution



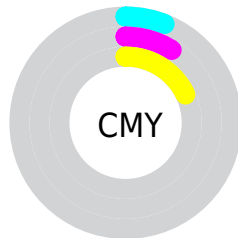
- Red (94%)
- Green (91%)
- Blue (82%)



- Red (86%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 12.697, 95.624 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, 12.697, 95.624 by changing the saturation by 10% instead.

 92, 12.697, 95.624

 92, 12.697, 95.624

 100, 12.697,
95.624

 82, 12.697, 95.624

 72, 12.697, 95.624

 62, 12.697, 95.624

 52, 12.697, 95.624

 42, 12.697, 95.624

 32, 12.697, 95.624

 22, 12.697, 95.624

 12, 12.697, 95.624

 2, 12.697, 95.624

92, 12.697, 95.624

92, 12.697, 95.624

90, 22.351, 94.401

94, 3.150, 96.783

88, 32.064, 93.128

96, 5.843, 277.034

86, 41.752, 91.822

98, 4.285, 237.080

84, 51.255, 90.486

99, 5.201, 199.203

83, 60.288, 89.112

81, 68.369, 87.678

79, 74.776, 86.128

78, 78.680, 84.365

77, 79.948, 83.053

Harmonies

Complementary

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



92, 12.697, 95.624



86, 12.819, 278.976

Rectangle

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



92, 12.697, 95.624



92, 12.697, 145.624



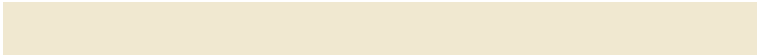
92, 12.697, 275.624



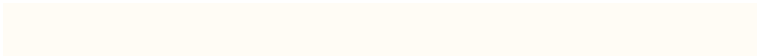
92, 12.697, 325.624

Sweetspot

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



92, 12.699, 95.634



99, 3.970, 96.715



86, 12.469, 0.791



53, 2.824, 96.635



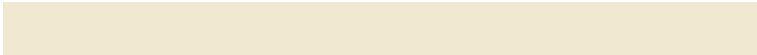
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



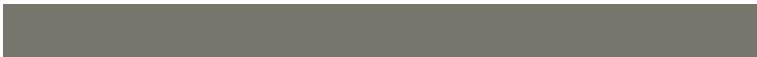
92, 12.699, 95.634



97, 16.035, 95.304



93, 16.671, 119.076



49, 5.392, 96.096



60, 65.509, 83.439



18, 25.938, 86.152

Inverse Universe

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



86, 12.819, 278.976



89, 16.212, 279.368



85, 17.132, 300.806



47, 5.433, 278.449



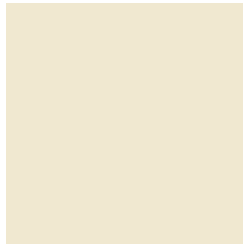
28, 86.162, 300.599



5, 31.114, 293.419

Previews

White Background



This preview shows how the CIELCh color 92, 12.697, 95.624 looks on a white background.

Color Contrast Check

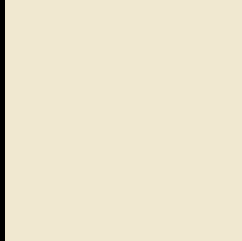
Large Text (above 18pt) WCAG AA × Fail

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, 12.697, 95.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

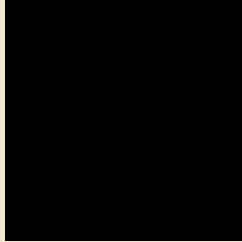
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

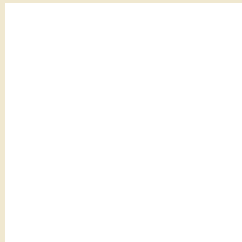
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 12.697, 95.624

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.697, 95.624.

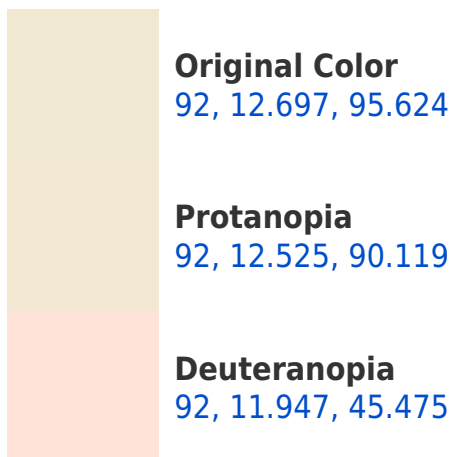


This preview shows how white text looks on a background with the CIELCh color 92, 12.697, 95.624.

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](#).

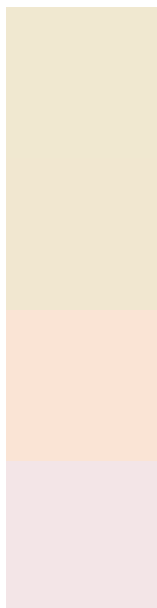
Dichromacy





Tritanopia
92, 10.895, 326.352

Trichromacy



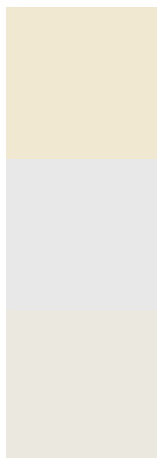
Original Color
92, 12.697, 95.624

Protanomaly
92, 12.408, 91.757

Deuteranomaly
92, 11.260, 62.966

Tritanomaly
92, 5.142, 8.088

Monochromacy



Original Color
92, 12.697, 95.624

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.749, 96.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.697, 95.624 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, 232, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 208)  
}
```

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, 232, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.697, 95.624 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, 232, 208) }
```

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

```
.border{ border-color:rgb(240, 232, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.697, 95.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 208) }
```

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

```
.background{ background-color: rgb(240,  
232, 208) }
```

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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