

Converting Colors

CIELCh(92, 12.777, 98.180)

Have a look what the booklet for
CIELCh(92, 12.777, 98.180) contains.

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Color

CIELCh(92, 12.616, 97.276)

Conversions

Conversions Part 1

Format	Color
Hex	EFE8D0
RGB	239, 232, 208
RGB Percent	94%, 91%, 82%
CMY	0.0623, 0.0897, 0.1839
CMYK	0.00, 0.03, 0.13, 0.06
HSL	46°, 49%, 88%
HSV	46°, 13%, 94%
XYZ	75.9200, 80.7044, 71.3203
YIQ	231.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

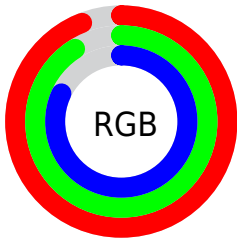
Format	Color
R_{YB}	217, 239, 208
Decimal	15722704
CIE _{Lab}	92.00, -1.60, 12.51
CIE _{LCh}	92, 12.616, 97.276
Y _{xy}	80.7044, 0.3331, 0.3541
Android (android.graphics.Color)	4293912784 (0xFFEFE8D0)
YUV	231.3570, -11.5150, 6.7029
Hunter-Lab	89.8356, -6.3622, 15.8148

Details

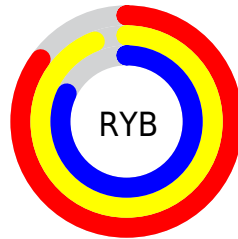
The CIELCh color **92, 12.616, 97.276** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86, 12.770, 280.469**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.230, 95.936** is the 20% darker color. If you saturate the color by 10%, you get **90, 22.455, 96.079**, and if you desaturate by 10%, it is **94, 2.863, 98.409**.

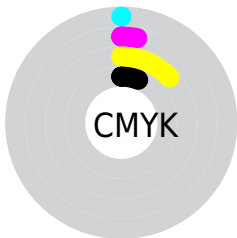
Distribution



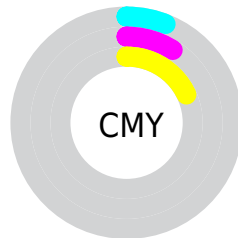
- Red (94%)
- Green (91%)
- Blue (82%)



- Red (85%)
- 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, 12.616, 97.276 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, 12.616, 97.276 by changing the saturation by 10% instead.

 92, 12.616, 97.276

 92, 12.616, 97.276

 100, 12.616,
97.276

 82, 12.616, 97.276

 72, 12.616, 97.276

 62, 12.616, 97.276

 52, 12.616, 97.276

 42, 12.616, 97.276

 32, 12.616, 97.276

 22, 12.616, 97.276

 12, 12.616, 97.276

 2, 12.616, 97.276

92, 12.616, 97.276

92, 12.616, 97.276

90, 22.455, 96.079

94, 2.863, 98.409

88, 32.327, 94.834

96, 6.319, 278.754

87, 42.142, 93.562

97, 4.619, 247.295

85, 51.734, 92.266

99, 5.048, 206.777

83, 60.812, 90.944

99, 5.464, 199.180

82, 68.893, 89.580

80, 75.270, 88.134

79, 79.145, 86.529

78, 80.417, 85.282

Harmonies

Complementary

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



92, 12.616, 97.276



86, 12.770, 280.469

Rectangle

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



92, 12.616, 97.276



92, 12.616, 147.276



92, 12.616, 277.276



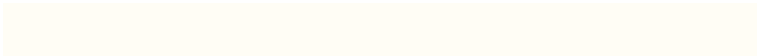
92, 12.616, 327.276

Sweetspot

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



92, 12.618, 97.286



99, 4.074, 98.306



86, 12.000, 1.970



53, 2.898, 98.226



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, 12.618, 97.286



97, 16.431, 96.918



93, 16.201, 119.757



49, 5.529, 97.695



61, 66.063, 85.620



18, 26.413, 88.198

Inverse Universe

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



86, 12.770, 280.469



89, 16.670, 280.907



85, 16.630, 301.385



47, 5.583, 280.002



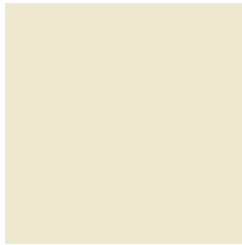
27, 88.782, 301.536



5, 31.854, 294.146

Previews

White Background



This preview shows how the CIELCh color 92, 12.616, 97.276 looks on a white background.

Color Contrast Check

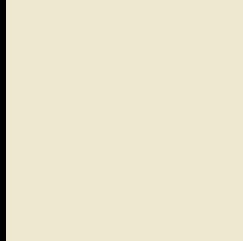
Large Text (above 18pt) WCAG AA × Fail

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, 12.616, 97.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

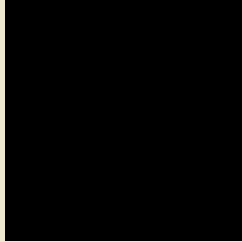
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 12.616, 97.276

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.616, 97.276.

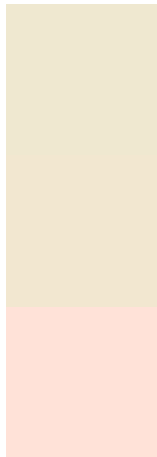


This preview shows how white text looks on a background with the CIELCh color 92, 12.616, 97.276.

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, 12.616, 97.276

Protanopia

92, 12.525, 90.119

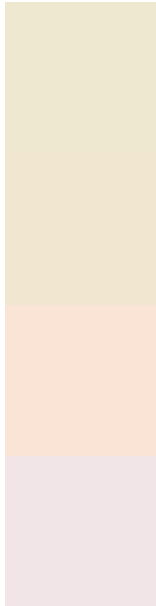
Deuteranopia

92, 11.947, 45.475



Tritanopia
92, 11.122, 323.300

Trichromacy



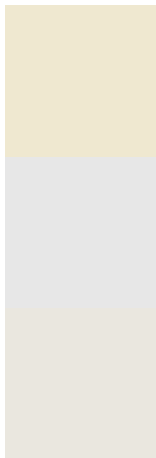
Original Color
92, 12.616, 97.276

Protanomaly
92, 12.408, 91.757

Deuteranomaly
92, 10.987, 64.306

Tritanomaly
92, 4.924, 1.317

Monochromacy



Original Color
92, 12.616, 97.276

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.251, 95.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.616, 97.276 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, 232, 208)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 232, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 232, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.616, 97.276 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, 232, 208) }
```

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

```
.border{ border-color:rgb(239, 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(239, 232, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 232, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 232, 208); box-shadow:4px 4px 4px 4px rgb(239, 232, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.616, 97.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 232, 208) }
```

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

```
.background{ background-color: rgb(239,  
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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