

Converting Colors

CIELCh(91, 7.803, 95.047)

Have a look what the booklet for
CIELCh(91, 7.803, 95.047) contains.

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Color

CIELCh(91, 7.946, 96.196)

Conversions

Conversions Part 1

Format	Color
Hex	EAE5D6
RGB	234, 229, 214
RGB Percent	92%, 90%, 84%
CMY	0.0819, 0.1014, 0.1603
CMYK	0.00, 0.02, 0.09, 0.08
HSL	45°, 32%, 88%
HSV	45°, 9%, 92%
XYZ	74.1807, 78.4833, 74.9408
YIQ	228.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

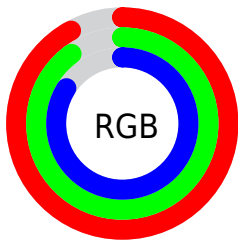
Format	Color
R _Y B	221, 234, 214
Decimal	15394262
CIE Lab	91.00, -0.86, 7.90
CIE LCh	91, 7.946, 96.196
Yxy	78.4833, 0.3259, 0.3448
Android (android.graphics.Color)	4293584342 (0xFFEAE5D6)
YUV	228.7850, -7.2890, 4.5736
Hunter-Lab	88.5908, -5.5686, 11.8590

Details

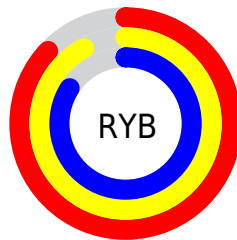
The CIELCh color **91, 7.946, 96.196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 8.006, 278.329**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 8.290, 98.540** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.367, 95.005**, and if you desaturate by 10%, it is **93, 1.359, 277.569**.

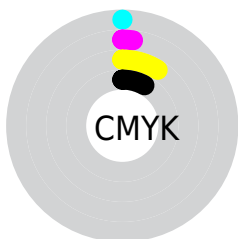
Distribution



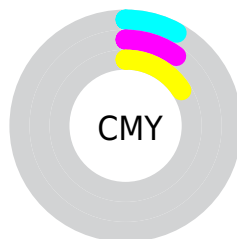
- Red (92%)
- Green (90%)
- Blue (84%)



- Red (87%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.946, 96.196 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 91, 7.946, 96.196 by changing the saturation by 10% instead.

 91, 7.946, 96.196	 91, 7.946, 96.196
 100, 7.946, 96.196	 81, 7.946, 96.196
	 71, 7.946, 96.196
	 61, 7.946, 96.196
	 51, 7.946, 96.196
	 41, 7.946, 96.196
	 31, 7.946, 96.196
	 21, 7.946, 96.196
	 11, 7.946, 96.196
	 1, 7.946, 96.196

91, 7.946, 96.196

91, 7.946, 96.196

89, 17.367, 95.005

93, 1.359, 277.569

87, 26.869, 93.752

95, 7.595, 273.197

85, 36.395, 92.463

96, 5.991, 244.746

83, 45.826, 91.144

98, 6.397, 210.534

82, 54.953, 89.792

99, 7.144, 199.046

80, 63.405, 88.394

78, 70.593, 86.912

77, 75.717, 85.272

75, 78.226, 83.374

Harmonies

Complementary

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



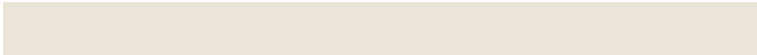
91, 7.946, 96.196



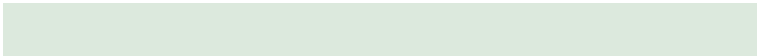
87, 8.006, 278.329

Rectangle

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



91, 7.946, 96.196



91, 7.946, 146.196



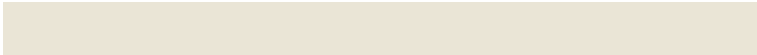
91, 7.946, 276.196



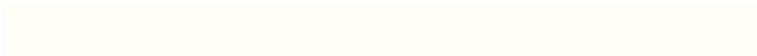
91, 7.946, 326.196

Sweetspot

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



91, 7.948, 96.211



99, 2.973, 96.819



87, 7.744, 0.260



53, 2.257, 96.740



0, 0.000, 0.000



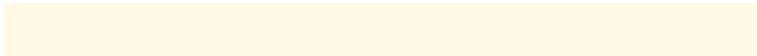
53, 0.007, 296.813

Same Dimension

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



91, 7.948, 96.211



98, 9.982, 96.034



92, 10.473, 119.382



48, 5.297, 96.103



59, 64.838, 83.467



17, 24.705, 86.284

Inverse Universe

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



87, 8.006, 278.329



93, 10.061, 278.526



87, 10.666, 300.461



46, 5.338, 278.450



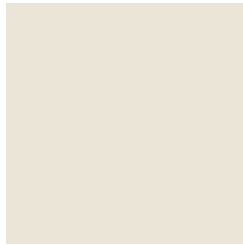
27, 85.196, 300.571



5, 29.481, 292.219

Previews

White Background



This preview shows how the CIELCh color 91, 7.946, 96.196 looks on a white background.

Color Contrast Check

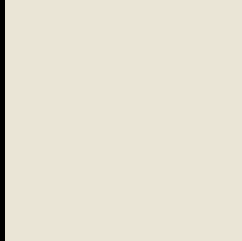
Large Text (above 18pt) WCAG AA × Fail

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 91, 7.946, 96.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

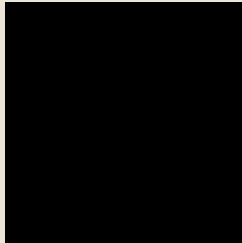
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

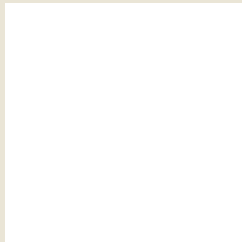
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.946, 96.196

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.946, 96.196.

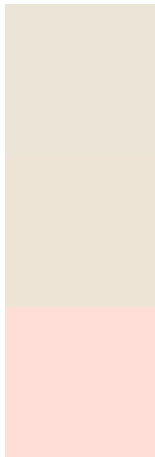


This preview shows how white text looks on a background with the CIELCh color 91, 7.946, 96.196.

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

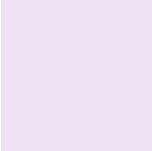
91, 7.946, 96.196

Protanopia

91, 7.935, 84.933

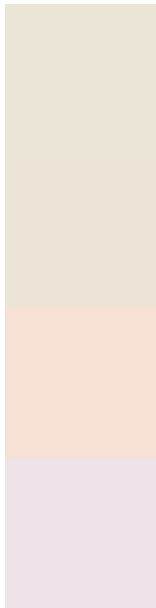
Deuteranopia

91, 12.643, 34.310



Tritanopia
91, 10.446, 316.725

Trichromacy



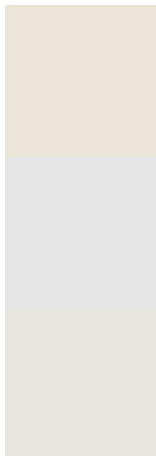
Original Color
91, 7.946, 96.196

Protanomaly
91, 7.790, 87.412

Deuteranomaly
91, 9.636, 52.142

Tritanomaly
91, 4.758, 338.859

Monochromacy



Original Color
91, 7.946, 96.196

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.668, 94.297

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 91, 7.946, 96.196 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(234, 229, 214)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 214)  
}
```

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(234, 229, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.946, 96.196 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(234, 229, 214) }
```

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

```
.border{ border-color:rgb(234, 229, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 214);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.946, 96.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 214) }
```

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

```
.background{ background-color: rgb(234,  
229, 214) }
```

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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