

Converting Colors

CIELCh(92, 7.314, 106.089)

Have a look what the booklet for
CIELCh(92, 7.314, 106.089) contains.

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Color

CIELCh(92, 7.214, 106.701)

Conversions

Conversions Part 1

Format	Color
Hex	EAE9DB
RGB	234, 233, 219
RGB Percent	92%, 91%, 86%
CMY	0.0832, 0.0872, 0.1421
CMYK	0.00, 0.00, 0.06, 0.08
HSL	56°, 26%, 89%
HSV	56°, 6%, 92%
XYZ	75.6869, 80.7044, 78.4496
YIQ	231.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

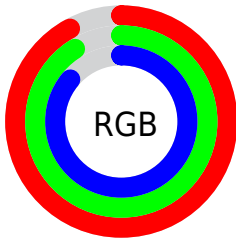
Format	Color
R _Y B	220, 234, 219
Decimal	15395291
CIE Lab	92.00, -2.07, 6.91
CIE LCh	92, 7.214, 106.701
Yxy	80.7044, 0.3223, 0.3437
Android (android.graphics.Color)	4293585371 (0xFFEAE9DB)
YUV	231.7030, -6.2626, 2.0145
Hunter-Lab	89.8356, -6.8254, 11.1096

Details

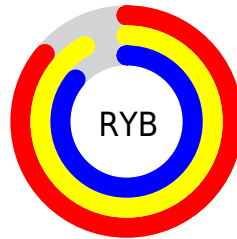
The CIELCh color **92, 7.214, 106.701** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88, 7.321, 288.071**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.053, 106.349** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.465, 105.692**, and if you desaturate by 10%, it is **93, 4.047, 287.763**.

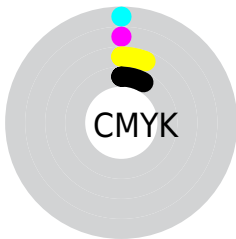
Distribution



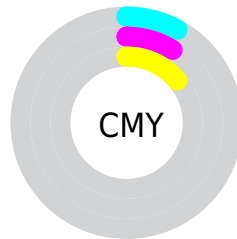
- Red (92%)
- Green (91%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.214, 106.701 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, 7.214, 106.701 by changing the saturation by 10% instead.

■ 92, 7.214, 106.701

■ 92, 7.214, 106.701

■ 100, 7.214,
106.701

■ 82, 7.214, 106.701

■ 72, 7.214, 106.701

■ 62, 7.214, 106.701

■ 52, 7.214, 106.701

■ 42, 7.214, 106.701

■ 32, 7.214, 106.701

■ 22, 7.214, 106.701

■ 12, 7.214, 106.701

■ 2, 7.214, 106.701

92, 7.214, 106.701

92, 7.214, 106.701

91, 18.465,
105.692

93, 4.047, 287.763

90, 29.639,
104.650

94, 9.873, 286.775

89, 40.636,
103.608

94, 9.114, 283.009

89, 51.293,
102.586

95, 7.746, 273.410

88, 61.347,
101.603

95, 7.166, 267.343

88, 70.398,
100.687

96, 6.679, 260.318

87, 77.890, 99.865

96, 6.307, 252.344

86, 83.190, 99.159

Harmonies

Complementary

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



92, 7.214, 106.701



88, 7.321, 288.071

Rectangle

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



92, 7.214, 106.701



92, 7.214, 156.701



92, 7.214, 286.701



92, 7.214, 336.701

Sweetspot

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



92, 7.216, 106.715



100, 2.406, 107.131



89, 5.477, 14.256



53, 1.367, 107.139



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, 7.216, 106.715



99, 9.658, 106.551



92, 8.100, 126.419



49, 6.411, 106.406



68, 71.435, 98.454



20, 28.898, 99.738

Inverse Universe

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



88, 7.321, 288.071



94, 9.823, 288.251



88, 8.196, 306.999



45, 6.536, 288.415



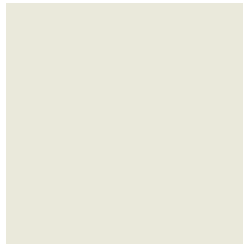
22, 100.441, 305.465



3, 34.086, 296.512

Previews

White Background



This preview shows how the CIELCh color 92, 7.214, 106.701 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, 7.214, 106.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

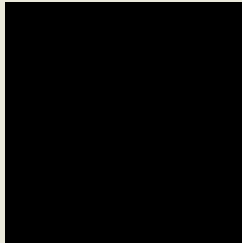
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

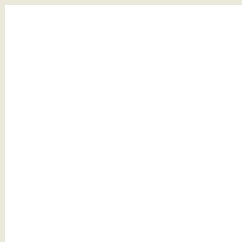
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.214, 106.701

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.214, 106.701.

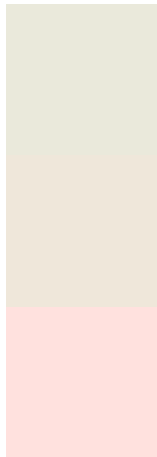


This preview shows how white text looks on a background with the CIELCh color 92, 7.214, 106.701.

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

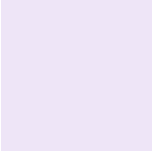
92, 7.214, 106.701

Protanopia

92, 7.293, 85.971

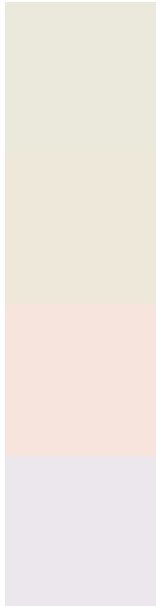
Deuteranopia

92, 11.134, 28.063



Tritanopia
92, 9.876, 309.380

Trichromacy



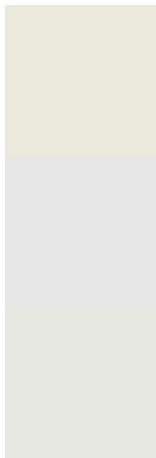
Original Color
92, 7.214, 106.701

Protanomaly
92, 7.425, 95.353

Deuteranomaly
92, 7.828, 47.145

Tritanomaly
92, 4.227, 320.569

Monochromacy



Original Color
92, 7.214, 106.701

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.571, 109.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.214, 106.701 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, 233, 219)` looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 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(234, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.214, 106.701 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, 233, 219) }
```

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

```
.border{ border-color:rgb(234, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.214, 106.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 219) }
```

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

```
.background{ background-color: rgb(234,  
233, 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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