

Converting Colors

CIELCh(92, 7.328, 101.359)

Have a look what the booklet for
CIELCh(92, 7.328, 101.359) contains.

CIELCh(92, 7.286, 100.954)	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, 7.286, 100.954)

Conversions

Conversions Part 1

Format	Color
Hex	EBE8DA
RGB	235, 232, 218
RGB Percent	92%, 91%, 85%
CMY	0.0771, 0.0888, 0.1438
CMYK	0.00, 0.01, 0.07, 0.08
HSL	49°, 30%, 89%
HSV	49°, 7%, 92%
XYZ	76.0248, 80.7044, 78.1303
YIQ	231.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

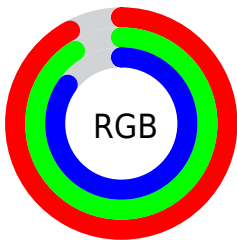
Format	Color
RYB	222, 235, 218
Decimal	15460570
CIELab	92.00, -1.38, 7.15
CIELCh	92, 7.286, 100.954
Yxy	80.7044, 0.3237, 0.3436
Android (android.graphics.Color)	4293650650 (0xFFE8E8DA)
YUV	231.3010, -6.5574, 3.2440
Hunter-Lab	89.8356, -6.1541, 11.3203

Details

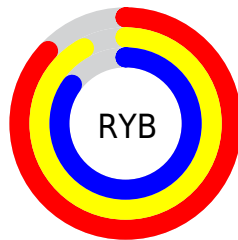
The CIELCh color **92, 7.286, 100.954** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 7.369, 282.654**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.138, 100.136** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.437, 99.840**, and if you desaturate by 10%, it is **94, 2.802, 282.156**.

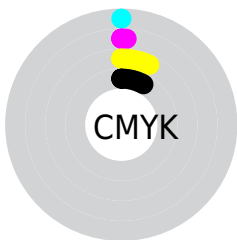
Distribution



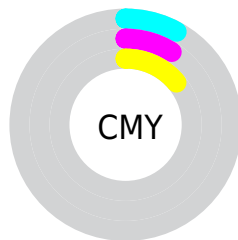
- Red (92%)
- Green (91%)
- Blue (85%)



- Red (87%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.286, 100.954 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, 7.286, 100.954 by changing the saturation by 10% instead.

92, 7.286, 100.954

92, 7.286, 100.954

100, 7.286,
100.954

82, 7.286, 100.954

72, 7.286, 100.954

62, 7.286, 100.954

52, 7.286, 100.954

42, 7.286, 100.954

32, 7.286, 100.954

22, 7.286, 100.954

12, 7.286, 100.954

2, 7.286, 100.954

92, 7.286, 100.954

92, 7.286, 100.954

90, 17.437, 99.840

94, 2.802, 282.156

89, 27.604, 98.672

95, 7.568, 276.895

87, 37.712, 97.481

96, 6.102, 258.583

86, 47.627, 96.277

97, 5.545, 233.325

85, 57.118, 95.068

98, 6.138, 208.321

83, 65.804, 93.859

99, 6.736, 199.077

82, 73.109, 92.642

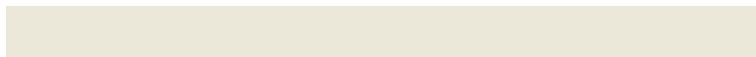
81, 78.295, 91.393

80, 80.794, 90.059

Harmonies

Complementary

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



92, 7.286, 100.954



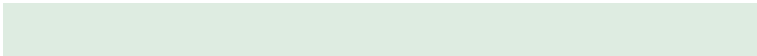
88, 7.369, 282.654

Rectangle

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



92, 7.286, 100.954



92, 7.286, 150.954



92, 7.286, 280.954



92, 7.286, 330.954

Sweetspot

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



92, 7.288, 100.969



100, 2.141, 101.493



89, 6.389, 5.102



53, 1.217, 101.499



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, 7.288, 100.969



98, 9.696, 100.769



92, 8.981, 122.033



48, 5.721, 100.722



63, 66.837, 89.930



18, 26.228, 92.281

Inverse Universe

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



88, 7.369, 282.654



94, 9.820, 282.875



88, 9.117, 302.833



46, 5.797, 282.928



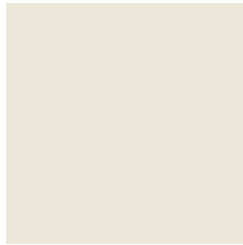
25, 92.638, 303.138



4, 31.396, 294.177

Previews

White Background



This preview shows how the CIELCh color 92, 7.286, 100.954 looks on a white background.

Color Contrast Check

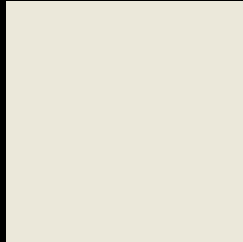
Large Text (above 18pt) WCAG AA × Fail

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, 7.286, 100.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

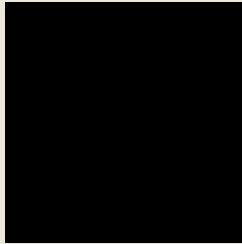
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

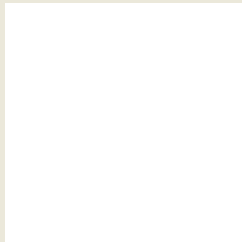
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.286, 100.954

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.286, 100.954.

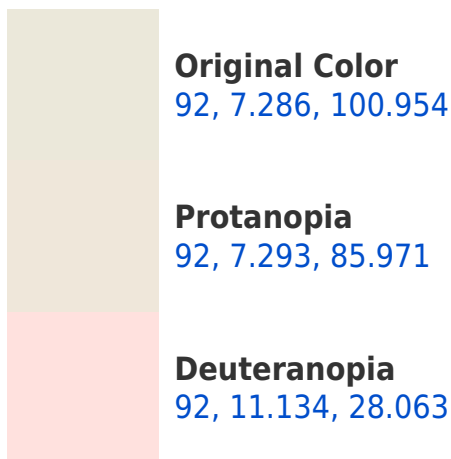


This preview shows how white text looks on a background with the CIELCh color 92, 7.286, 100.954.

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](#).

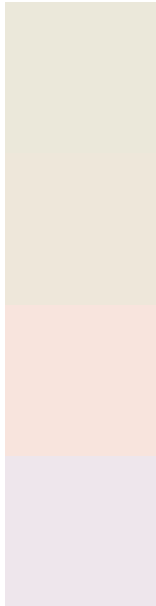
Dichromacy





Tritanopia
92, 10.132, 313.141

Trichromacy



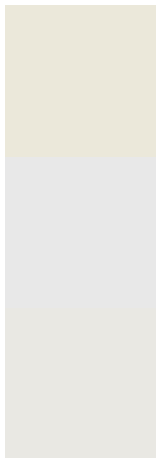
Original Color
92, 7.286, 100.954

Protanomaly
92, 7.155, 88.676

Deuteranomaly
92, 8.160, 45.961

Tritanomaly
92, 4.235, 332.470

Monochromacy



Original Color
92, 7.286, 100.954

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.592, 101.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.286, 100.954 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(235, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 218)  
}
```

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(235, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.286, 100.954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

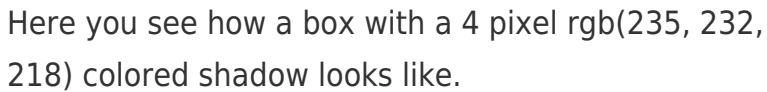
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 232, 218) }
```

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

```
.border{ border-color:rgb(235, 232, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 232, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 232, 218); box-shadow:4px 4px 4px 4px rgb(235, 232, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.286, 100.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 218) }
```

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

```
.background{ background-color: rgb(235,  
232, 218) }
```

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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