

Converting Colors

CIELCh(92, 2.197, 98.684)

Have a look what the booklet for
CIELCh(92, 2.197, 98.684) contains.

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Color

CIELCh(92, 2.081, 100.078)

Conversions

Conversions Part 1

Format	Color
Hex	E9E8E4
RGB	233, 232, 228
RGB Percent	91%, 91%, 89%
CMY	0.0859, 0.0898, 0.1055
CMYK	0.00, 0.00, 0.02, 0.09
HSL	48°, 10%, 90%
HSV	48°, 2%, 91%
XYZ	76.5273, 80.7044, 85.0045
YIQ	231.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

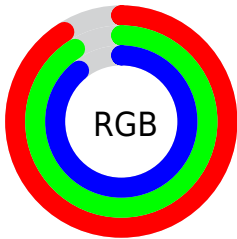
Format	Color
RYB	229, 233, 228
Decimal	15329508
CIELab	92.00, -0.36, 2.05
CIELCh	92, 2.081, 100.078
Yxy	80.7044, 0.3159, 0.3332
Android (android.graphics.Color)	4293519588 (0xFFE9E8E4)
YUV	231.8430, -1.8946, 1.0147
Hunter-Lab	89.8356, -5.1556, 6.7834

Details

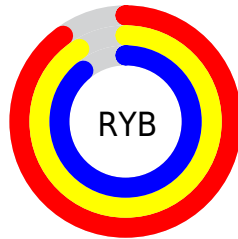
The CIELCh color **92, 2.081, 100.078** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 2.108, 280.779**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 1.661, 96.870** is the 20% darker color. If you saturate the color by 10%, you get **90, 11.893, 99.052**, and if you desaturate by 10%, it is **94, 7.640, 281.340**.

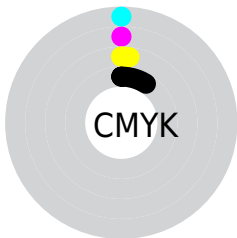
Distribution



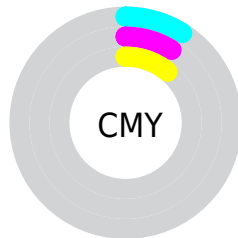
- Red (91%)
- Green (91%)
- Blue (89%)



- Red (90%)
- Yellow (91%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.081, 100.078 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, 2.081, 100.078 by changing the saturation by 10% instead.

■ 92, 2.081, 100.078

■ 92, 2.081, 100.078

■ 100, 2.081,
100.078

■ 82, 2.081, 100.078

■ 72, 2.081, 100.078

■ 62, 2.081, 100.078

■ 52, 2.081, 100.078

■ 42, 2.081, 100.078

■ 32, 2.081, 100.078

■ 22, 2.081, 100.078

■ 12, 2.081, 100.078

■ 2, 2.081, 100.078

92, 2.081, 100.078

92, 2.081, 100.078

90, 11.893, 99.052

94, 7.640, 281.340

89, 21.764, 97.877

95, 7.501, 268.555

87, 31.645, 96.669

96, 6.317, 246.154

85, 41.443, 95.437

97, 6.362, 219.592

84, 50.993, 94.190

98, 7.493, 199.020

83, 60.012, 92.930

81, 68.037, 91.649

80, 74.400, 90.325

79, 78.346, 88.902

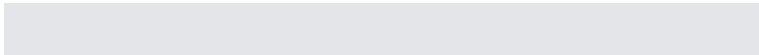
Harmonies

Complementary

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



92, 2.081, 100.078



91, 2.108, 280.779

Rectangle

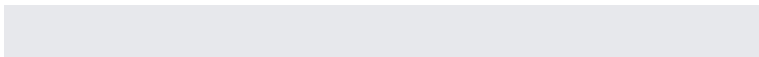
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



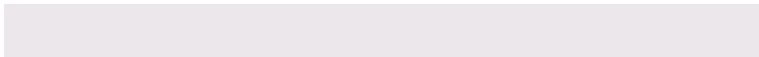
92, 2.081, 100.078



92, 2.081, 150.078



92, 2.081, 280.078



92, 2.081, 330.078

Sweetspot

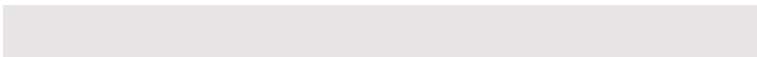
The Sweet Spot groups the original color and five complimentary colors.



92, 2.083, 100.128



100, 1.038, 100.159



91, 1.869, 3.138



53, 0.590, 100.155



0, 0.000, 0.000



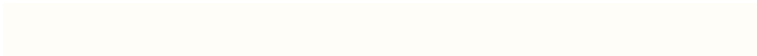
53, 0.007, 296.813

Same Dimension

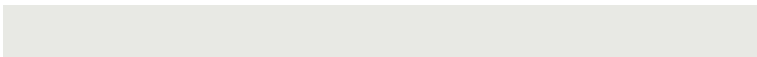
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.083, 100.128



99, 3.139, 100.054



92, 2.630, 121.701



49, 2.225, 99.979



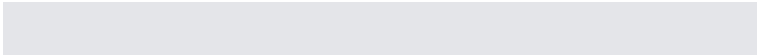
62, 66.110, 87.970



18, 25.726, 90.499

Inverse Universe

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



91, 2.108, 280.779



98, 3.171, 280.856



91, 2.662, 301.903



48, 2.245, 280.934



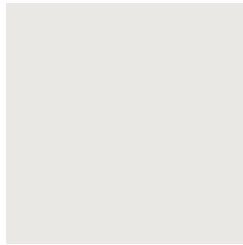
26, 90.469, 302.429



4, 30.837, 293.634

Previews

White Background



This preview shows how the CIE LCh color 92, 2.081, 100.078 looks on a white background.

Color Contrast Check

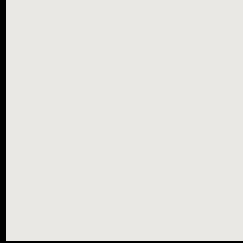
Large Text (above 18pt) WCAG AA × Fail

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, 2.081, 100.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

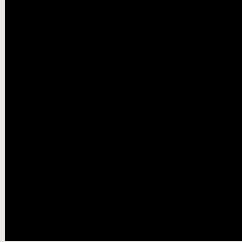
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

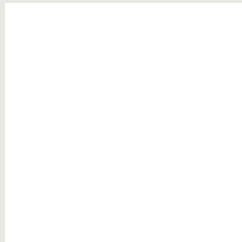
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.081, 100.078

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.081, 100.078.

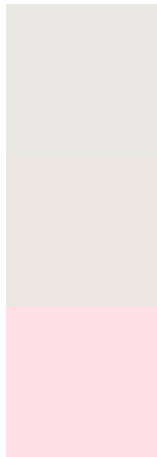


This preview shows how white text looks on a background with the CIELCh color 92, 2.081, 100.078.

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, 2.081, 100.078

Protanopia

92, 2.967, 63.296

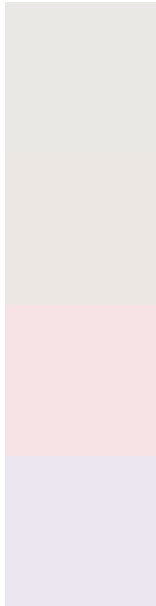
Deuteranopia

92, 11.666, 4.864



Tritanopia
92, 9.672, 305.460

Trichromacy



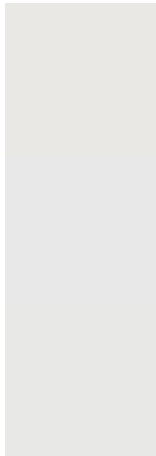
Original Color
92, 2.081, 100.078

Protanomaly
92, 2.717, 68.572

Deuteranomaly
92, 7.306, 11.739

Tritanomaly
92, 5.495, 309.227

Monochromacy



Original Color
92, 2.081, 100.078

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.506, 109.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.081, 100.078 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(233, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(233, 232, 228)  
}
```

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(233, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 232, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.081, 100.078 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(233, 232, 228) }
```

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

```
.border{ border-color:rgb(233, 232, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 232, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(233, 232,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.081, 100.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 232, 228) }
```

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

```
.background{ background-color: rgb(233,  
232, 228) }
```

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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