

Converting Colors

CIELCh(92, 2.171, 93.285)

Have a look what the booklet for
CIELCh(92, 2.171, 93.285) contains.

CIELCh(92, 2.168, 90.685)	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, 2.168, 90.685)

Conversions

Conversions Part 1

Format	Color
Hex	EAE8E4
RGB	234, 232, 228
RGB Percent	92%, 91%, 89%
CMY	0.0829, 0.0907, 0.1064
CMYK	0.00, 0.01, 0.03, 0.08
HSL	40°, 12%, 91%
HSV	40°, 3%, 92%
XYZ	76.6943, 80.7044, 84.8399
YIQ	232.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

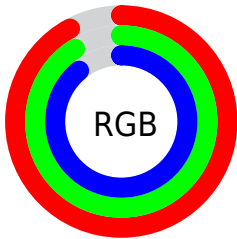
Format	Color
R_{YB}	231, 234, 228
Decimal	15395044
CIE Lab	92.00, -0.03, 2.17
CIE LCh	92, 2.168, 90.685
Yxy	80.7044, 0.3166, 0.3332
Android (android.graphics.Color)	4293585124 (0xFFEAE8E4)
YUV	232.1420, -2.0420, 1.6295
Hunter-Lab	89.8356, -4.8237, 6.8921

Details

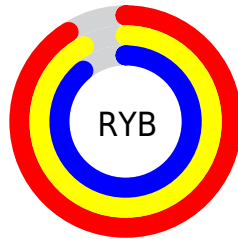
The CIELCh color **92, 2.168, 90.685** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 2.187, 271.622**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 1.782, 84.924** is the 20% darker color. If you saturate the color by 10%, you get **89, 10.782, 89.581**, and if you desaturate by 10%, it is **95, 6.260, 272.119**.

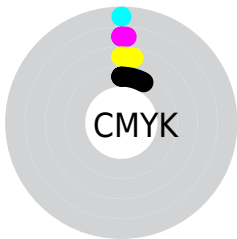
Distribution



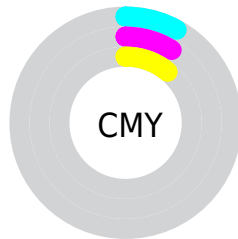
- Red (92%)
- Green (91%)
- Blue (89%)



- Red (91%)
- Yellow (92%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (8%)




- Cyan (8%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.168, 90.685 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, 2.168, 90.685 by changing the saturation by 10% instead.

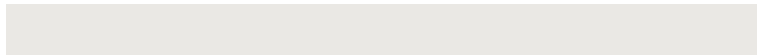
 92, 2.168, 90.685	 92, 2.168, 90.685
 100, 2.168, 90.685	 82, 2.168, 90.685
	 72, 2.168, 90.685
	 62, 2.168, 90.685
	 52, 2.168, 90.685
	 42, 2.168, 90.685
	 32, 2.168, 90.685
	 22, 2.168, 90.685
	 12, 2.168, 90.685
	 2, 2.168, 90.685

92, 2.168, 90.685	92, 2.168, 90.685
89, 10.782, 89.581	95, 6.260, 272.119
87, 19.575, 88.289	97, 5.985, 239.666
85, 28.530, 86.948	99, 7.230, 199.039
82, 37.595, 85.566	
80, 46.659, 84.139	
78, 55.499, 82.651	
76, 63.709, 81.057	
74, 70.614, 79.265	
72, 75.311, 77.111	

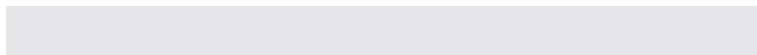
Harmonies

Complementary

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



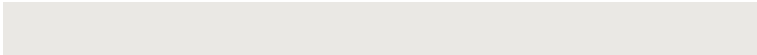
92, 2.168, 90.685



91, 2.187, 271.622

Rectangle

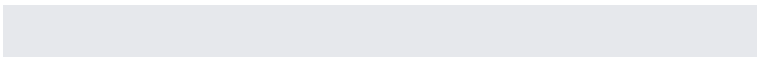
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



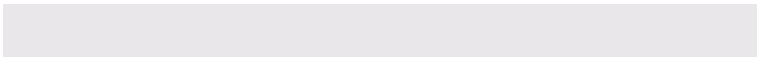
92, 2.168, 90.685



92, 2.168, 140.685



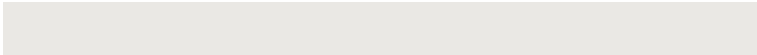
92, 2.168, 270.685



92, 2.168, 320.685

Sweetspot

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



92, 2.169, 90.740



100, 0.899, 90.736



91, 2.395, 353.707



53, 0.511, 90.725



0, 0.000, 0.000



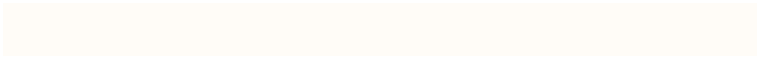
53, 0.007, 296.813

Same Dimension

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



92, 2.169, 90.740



99, 2.725, 90.704



92, 3.107, 116.522



49, 1.932, 90.630



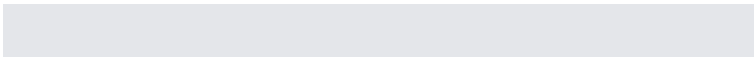
56, 63.826, 75.754



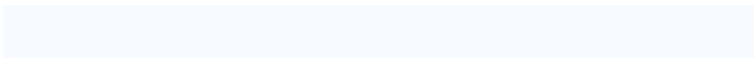
16, 23.353, 78.566

Inverse Universe

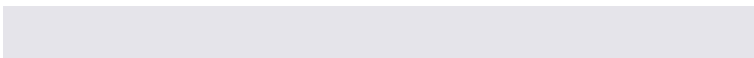
The Inverse Universe completely reimagines the original color for something new.



91, 2.187, 271.622



98, 2.744, 271.660



91, 3.145, 296.891



48, 1.942, 271.738



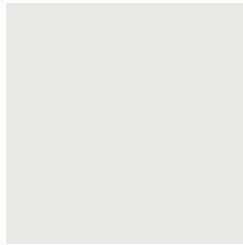
31, 75.605, 296.585



6, 26.879, 289.011

Previews

White Background



This preview shows how the CIELCh color 92, 2.168, 90.685 looks on a white background.

Color Contrast Check

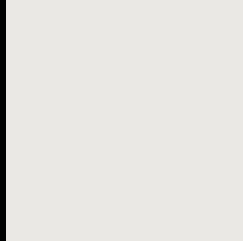
Large Text (above 18pt) WCAG AA × Fail

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, 2.168, 90.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

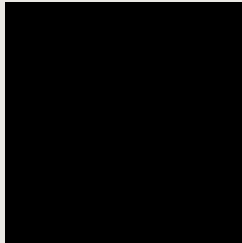
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

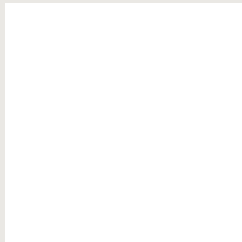
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.168, 90.685

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.168, 90.685.

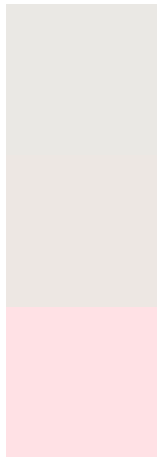


This preview shows how white text looks on a background with the CIELCh color 92, 2.168, 90.685.

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

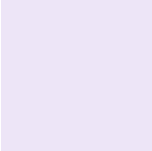
92, 2.168, 90.685

Protanopia

92, 2.967, 63.296

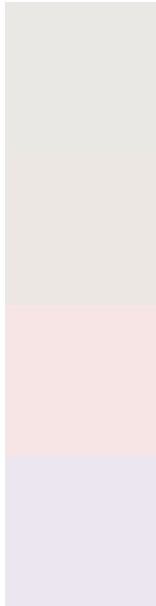
Deuteranopia

92, 11.095, 9.475



Tritanopia
92, 9.768, 307.438

Trichromacy



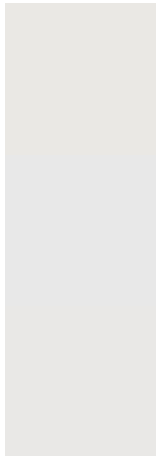
Original Color
92, 2.168, 90.685

Protanomaly
92, 2.717, 68.572

Deuteranomaly
92, 6.888, 15.518

Tritanomaly
92, 5.621, 312.626

Monochromacy



Original Color
92, 2.168, 90.685

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.079, 90.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.168, 90.685 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, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.168, 90.685 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, 232, 228) }
```

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

```
.border{ border-color:rgb(234, 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(234, 232, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 232, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 232, 228); box-shadow:4px 4px 4px 4px rgb(234, 232, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.168, 90.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 228) }
```

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

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