

Converting Colors

CIELCh(92, 1.122, 93.333)

Have a look what the booklet for
CIELCh(92, 1.122, 93.333) contains.

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Color

CIELCh(92, 1.079, 90.717)

Conversions

Conversions Part 1

Format	Color
Hex	E9E8E6
RGB	233, 232, 230
RGB Percent	91%, 91%, 90%
CMY	0.0865, 0.0904, 0.0983
CMYK	0.00, 0.00, 0.01, 0.09
HSL	40°, 6%, 91%
HSV	40°, 1%, 91%
XYZ	76.7005, 80.7044, 86.3548
YIQ	232.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

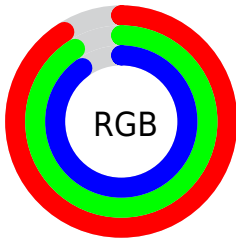
Format	Color
R _Y B	232, 233, 230
Decimal	15329510
CIE Lab	92.00, -0.01, 1.08
CIE LCh	92, 1.079, 90.717
Yxy	80.7044, 0.3147, 0.3311
Android (android.graphics.Color)	4293519590 (0xFFE9E8E6)
YUV	232.0710, -1.0210, 0.8147
Hunter-Lab	89.8356, -4.8115, 5.8923

Details

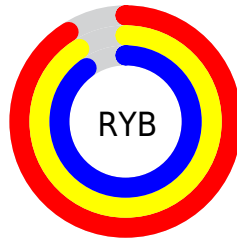
The CIELCh color **92, 1.079, 90.717** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 1.100, 271.635**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 0.650, 74.770** is the 20% darker color. If you saturate the color by 10%, you get **89, 9.647, 89.795**, and if you desaturate by 10%, it is **95, 7.305, 272.316**.

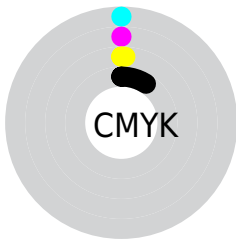
Distribution



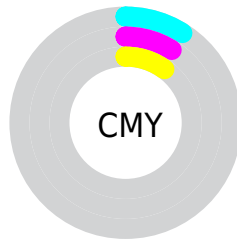
- Red (91%)
- Green (91%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)














- Cyan (9%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 1.079, 90.717 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, 1.079, 90.717 by changing the saturation by 10% instead.

 92, 1.079, 90.717	 92, 1.079, 90.717
100, 1.079, 90.717	 82, 1.079, 90.717
	 72, 1.079, 90.717
	 62, 1.079, 90.717
	 52, 1.079, 90.717
	 42, 1.079, 90.717
	 32, 1.079, 90.717
	 22, 1.079, 90.717
	 12, 1.079, 90.717
	 2, 1.079, 90.717

92, 1.079, 90.717

92, 1.079, 90.717

89, 9.647, 89.795

95, 7.305, 272.316

87, 18.394, 88.511

97, 6.226, 237.909

85, 27.306, 87.177

98, 7.540, 199.016

82, 36.336, 85.801

80, 45.381, 84.381

78, 54.240, 82.903

76, 62.535, 81.328

74, 69.629, 79.571

72, 74.640, 77.479

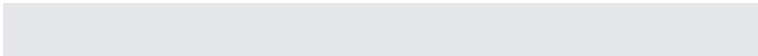
Harmonies

Complementary

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



92, 1.079, 90.717



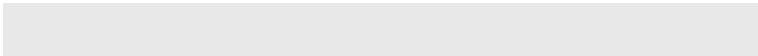
92, 1.100, 271.635

Rectangle

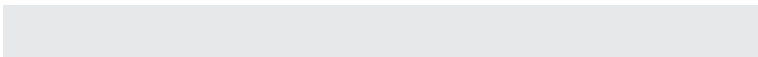
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 1.079, 90.717



92, 1.079, 140.717



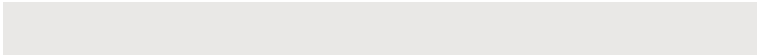
92, 1.079, 270.717



92, 1.079, 320.717

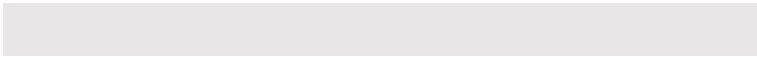
Sweetspot

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



92, 1.080, 90.826

100, 0.012, 296.813



92, 1.199, 353.374



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



92, 1.080, 90.826



99, 1.812, 90.828



92, 1.550, 116.613



49, 0.962, 90.832



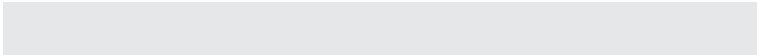
56, 63.829, 75.816



16, 23.363, 78.632

Inverse Universe

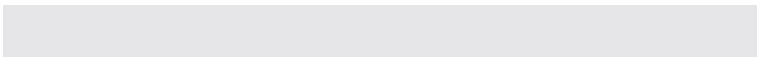
The Inverse Universe completely reimagines the original color for something new.



92, 1.100, 271.635



99, 1.832, 271.638



91, 1.576, 296.798



49, 0.973, 271.633



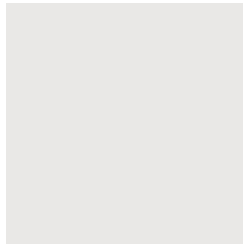
31, 75.685, 296.622



6, 26.901, 289.043

Previews

White Background



This preview shows how the CIELCh color 92, 1.079, 90.717 looks on a white background.

Color Contrast Check

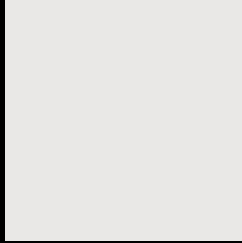
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 1.079, 90.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

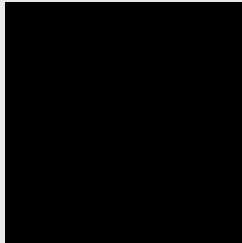
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

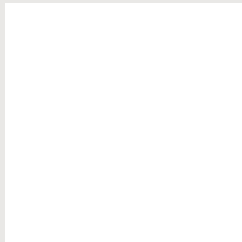
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.079, 90.717

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.079, 90.717.



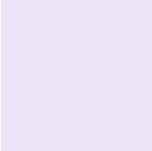
This preview shows how white text looks on a background with the CIELCh color 92, 1.079, 90.717.

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](#).

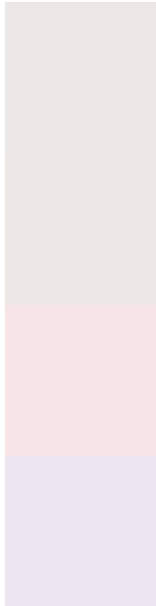
Dichromacy





Tritanopia
92, 9.672, 305.460

Trichromacy



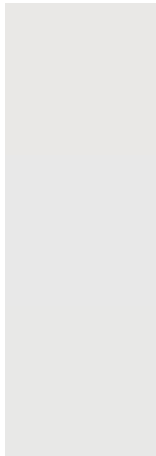
Original Color
92, 1.079, 90.717

Protanomaly
92, 2.054, 49.330

Deuteranomaly
92, 6.672, 6.399

Tritanomaly
92, 5.987, 307.656

Monochromacy



Original Color
92, 1.079, 90.717

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, 1.079, 90.717 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 232, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 232, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 1.079, 90.717 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, 230) }
```

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

```
.border{ border-color:rgb(233, 232, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 232,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 1.079, 90.717 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, 230) }
```

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

```
.background{ background-color: rgb(233,  
232, 230) }
```

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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