

Converting Colors

CIELCh(92, 2.297, 53.666)

Have a look what the booklet for
CIELCh(92, 2.297, 53.666) contains.

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Color

CIELCh(92, 2.054, 49.330)

Conversions

Conversions Part 1

Format	Color
Hex	ECE7E5
RGB	236, 231, 229
RGB Percent	93%, 91%, 90%
CMY	0.0742, 0.0938, 0.1016
CMYK	0.00, 0.02, 0.03, 0.07
HSL	17°, 16%, 91%
HSV	17°, 3%, 93%
XYZ	77.3707, 80.7044, 85.6862
YIQ	232.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

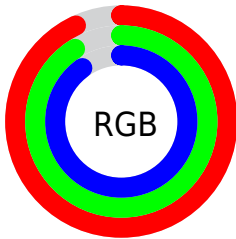
Format	Color
R _Y B	236, 232, 229
Decimal	15525861
CIE Lab	92.00, 1.34, 1.56
CIE LCh	92, 2.054, 49.330
Yxy	80.7044, 0.3174, 0.3311
Android (android.graphics.Color)	4293715941 (0xFFECE7E5)
YUV	232.2670, -1.6106, 3.2738
Hunter-Lab	89.8356, -3.4796, 6.3335

Details

The CIELCh color **92, 2.054, 49.330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 2.029, 230.334**, 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, 1.957, 35.408** is the 20% darker color. If you saturate the color by 10%, you get **87, 9.340, 49.045**, and if you desaturate by 10%, it is **97, 4.712, 230.431**.

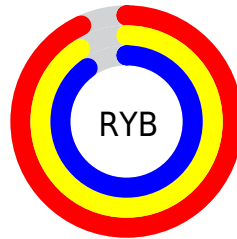
Distribution



Red (93%)

Green (91%)

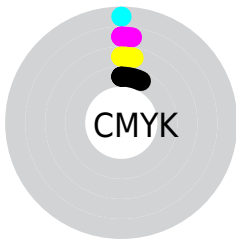
Blue (90%)



Red (93%)

Yellow (91%)

Blue (90%)

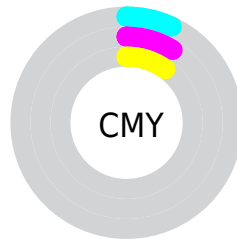


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.054, 49.330 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, 2.054, 49.330 by changing the saturation by 10% instead.

92, 2.054, 49.330

92, 2.054, 49.330

100, 2.054, 49.330

82, 2.054, 49.330

72, 2.054, 49.330

62, 2.054, 49.330

52, 2.054, 49.330

42, 2.054, 49.330

32, 2.054, 49.330

22, 2.054, 49.330

12, 2.054, 49.330

2, 2.054, 49.330

92, 2.054, 49.330

92, 2.054, 49.330

87, 9.340, 49.045

97, 4.712, 230.431

83, 17.204, 48.565

99, 6.487, 199.097

78, 25.699, 48.159

74, 34.857, 47.864

69, 44.675, 47.702

65, 55.072, 47.672

62, 65.812, 47.722

58, 76.326, 47.676

56, 85.399, 47.100

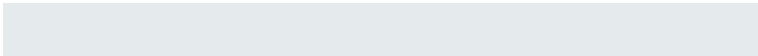
Harmonies

Complementary

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



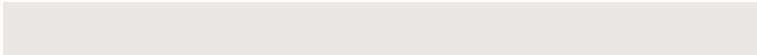
92, 2.054, 49.330



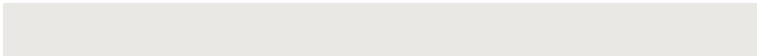
92, 2.029, 230.334

Rectangle

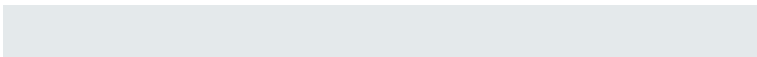
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



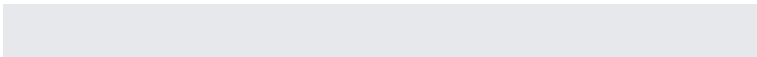
92, 2.054, 49.330



92, 2.054, 99.330



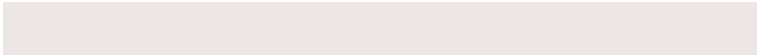
92, 2.054, 229.330



92, 2.054, 279.330

Sweetspot

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



92, 2.054, 49.401



99, 0.729, 48.960



92, 3.624, 333.715



53, 0.414, 48.918



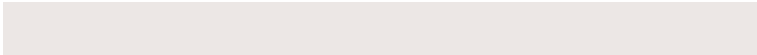
0, 0.000, 0.000



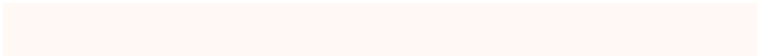
53, 0.007, 296.813

Same Dimension

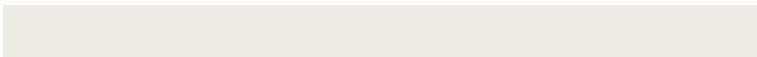
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.054, 49.401



98, 2.962, 49.413



93, 2.861, 98.980



48, 1.971, 49.402



42, 73.603, 46.833



10, 23.734, 40.334

Inverse Universe

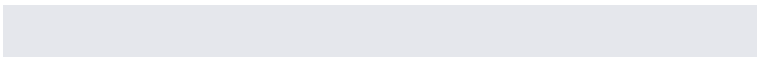
The Inverse Universe completely reimagines the original color for something new.



92, 2.029, 230.334



99, 2.906, 230.331



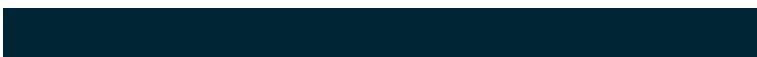
92, 2.889, 279.792



48, 1.925, 230.349



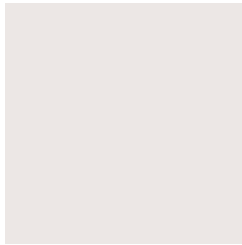
51, 37.059, 253.436



14, 15.054, 245.018

Previews

White Background



This preview shows how the CIE LCh color 92, 2.054, 49.330 looks on a white background.

Color Contrast Check

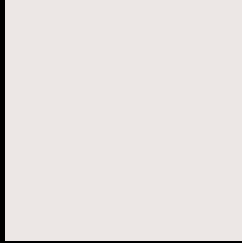
Large Text (above 18pt) WCAG AA × Fail

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, 2.054, 49.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

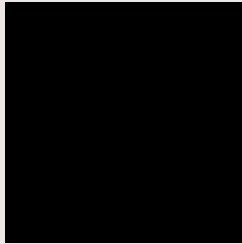
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

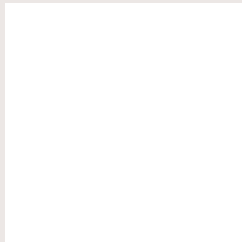
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.054, 49.330

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.054, 49.330.

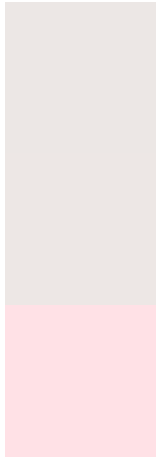


This preview shows how white text looks on a background with the CIELCh color 92, 2.054, 49.330.

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, 2.054, 49.330

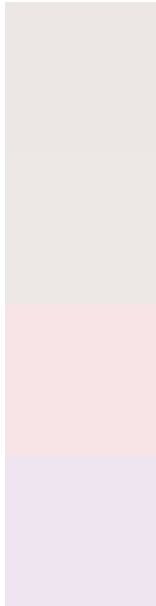
Protanopia
92, 2.373, 45.016

Deuteranopia
92, 11.187, 6.879



Tritanopia
92, 10.132, 313.141

Trichromacy



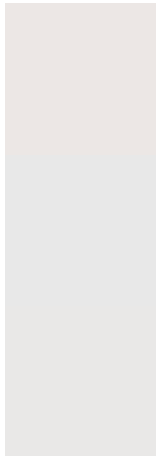
Original Color
92, 2.054, 49.330

Protanomaly
92, 2.373, 45.016

Deuteranomaly
92, 7.746, 8.380

Tritanomaly
92, 6.557, 319.521

Monochromacy



Original Color
92, 2.054, 49.330

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.615, 74.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.054, 49.330 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(236, 231, 229)` looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 229)  
}
```

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(236, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.054, 49.330 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(236, 231, 229) }
```

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

```
.border{ border-color:rgb(236, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.054, 49.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 229) }
```

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

```
.background{ background-color: rgb(236,  
231, 229) }
```

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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