

Converting Colors

CIELCh(92, 5.244, 71.243)

Have a look what the booklet for
CIELCh(92, 5.244, 71.243) contains.

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Color

CIELCh(92, 5.239, 71.246)

Conversions

Conversions Part 1

Format	Color
Hex	F0E7DF
RGB	240, 231, 223
RGB Percent	94%, 91%, 87%
CMY	0.0603, 0.0956, 0.1270
CMYK	0.00, 0.04, 0.07, 0.06
HSL	28°, 36%, 91%
HSV	28°, 7%, 94%
XYZ	77.5428, 80.7044, 81.0356
YIQ	232.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

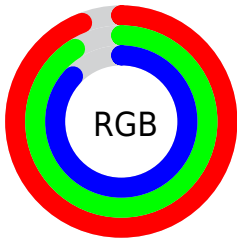
Format	Color
R _Y B	240, 238, 223
Decimal	15787999
CIE Lab	92.00, 1.68, 4.96
CIE LCh	92, 5.239, 71.246
Yxy	80.7044, 0.3241, 0.3373
Android (android.graphics.Color)	4293978079 (0xFFFF0E7DF)
YUV	232.7790, -4.8210, 6.3328
Hunter-Lab	89.8356, -3.1378, 9.4028

Details

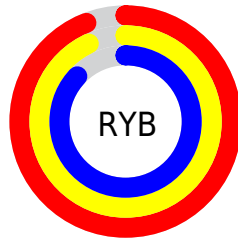
The CIELCh color **92, 5.239, 71.246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 5.144, 253.166**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.118, 67.330** is the 20% darker color. If you saturate the color by 10%, you get **88, 12.964, 70.130**, and if you desaturate by 10%, it is **96, 2.108, 252.751**.

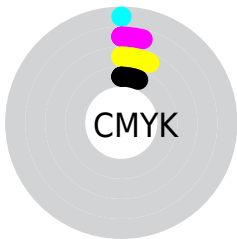
Distribution



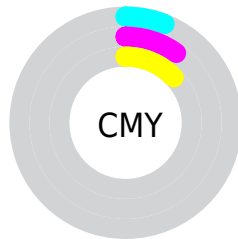
- Red (94%)
- Green (91%)
- Blue (87%)



- Red (94%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.239, 71.246 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, 5.239, 71.246 by changing the saturation by 10% instead.

 92, 5.239, 71.246

 92, 5.239, 71.246

 100, 5.239, 71.246

 82, 5.239, 71.246

 72, 5.239, 71.246

 62, 5.239, 71.246

 52, 5.239, 71.246

 42, 5.239, 71.246

 32, 5.239, 71.246

 22, 5.239, 71.246

 12, 5.239, 71.246

 2, 5.239, 71.246

92, 5.239, 71.246

92, 5.239, 71.246

88, 12.964, 70.130

96, 2.108, 252.751

85, 21.099, 68.939

99, 5.292, 199.195

81, 29.667, 67.741

78, 38.661, 66.543

74, 48.017, 65.336

71, 57.554, 64.081

68, 66.861, 62.675

65, 75.131, 60.890

63, 81.182, 58.357

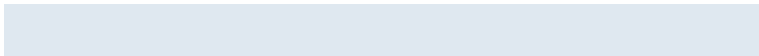
Harmonies

Complementary

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



92, 5.239, 71.246



91, 5.144, 253.166

Rectangle

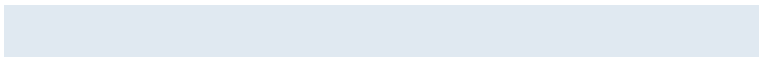
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 5.239, 71.246



92, 5.239, 121.246



92, 5.239, 251.246



92, 5.239, 301.246

Sweetspot

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



92, 5.240, 71.274



99, 1.529, 71.655



90, 7.721, 342.412



53, 0.869, 71.651



0, 0.000, 0.000



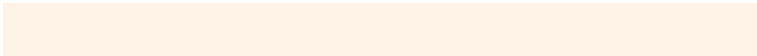
53, 0.007, 296.813

Same Dimension

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



92, 5.240, 71.274



96, 7.029, 71.062



94, 8.418, 108.107



48, 4.226, 71.012



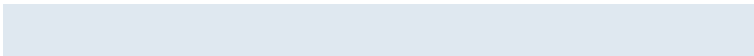
48, 67.451, 58.273



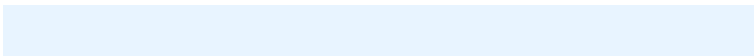
13, 23.448, 58.162

Inverse Universe

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



91, 5.144, 253.166



96, 6.854, 253.409



89, 8.559, 289.567



48, 4.114, 253.467



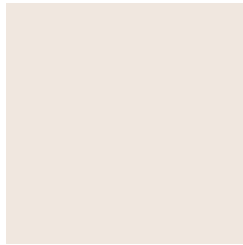
41, 53.177, 281.032



11, 20.312, 273.069

Previews

White Background



This preview shows how the CIELCh color 92, 5.239, 71.246 looks on a white background.

Color Contrast Check

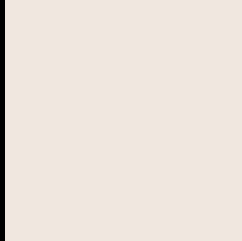
Large Text (above 18pt) WCAG AA × Fail

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, 5.239, 71.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

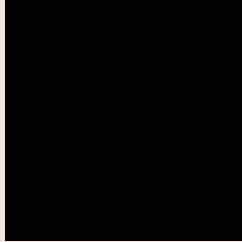
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

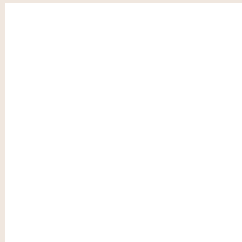
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.239, 71.246

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.239, 71.246.

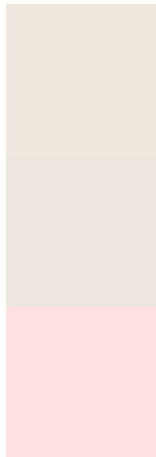


This preview shows how white text looks on a background with the CIELCh color 92, 5.239, 71.246.

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, 5.239, 71.246

Protanopia

92, 4.821, 78.074

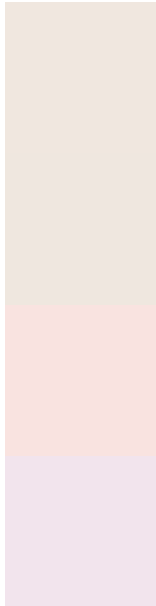
Deuteranopia

92, 10.970, 20.126



Tritanopia
92, 10.935, 321.730

Trichromacy



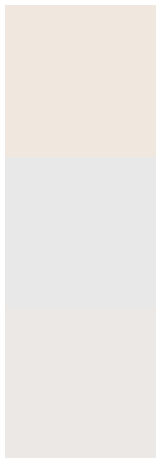
Original Color
92, 5.239, 71.246

Protanomaly
92, 5.021, 74.519

Deuteranomaly
92, 8.170, 30.759

Tritanomaly
92, 6.851, 337.049

Monochromacy



Original Color
92, 5.239, 71.246

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.866, 74.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.239, 71.246 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(240, 231, 223)` looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 223)  
}
```

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(240, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.239, 71.246 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(240, 231, 223) }
```

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

```
.border{ border-color:rgb(240, 231, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 231, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.239, 71.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 223) }
```

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

```
.background{ background-color: rgb(240,  
231, 223) }
```

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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