

Converting Colors

CIELCh(92, 9.071, 46.784)

Have a look what the booklet for
CIELCh(92, 9.071, 46.784) contains.

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Color

CIELCh(92, 9.071, 46.784)

Conversions

Conversions Part 1

Format	Color
Hex	FAE4DC
RGB	250, 228, 220
RGB Percent	98%, 89%, 86%
CMY	0.0210, 0.1072, 0.1386
CMYK	0.00, 0.09, 0.12, 0.02
HSL	16°, 74%, 92%
HSV	16°, 12%, 98%
XYZ	79.8188, 80.7044, 78.8426
YIQ	233.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

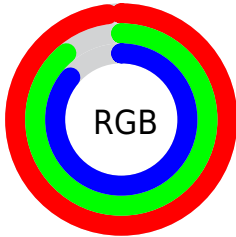
Format	Color
R _Y B	250, 231, 220
Decimal	16442588
CIE Lab	92.00, 6.21, 6.61
CIE LCh	92, 9.071, 46.784
Yxy	80.7044, 0.3335, 0.3372
Android (android.graphics.Color)	4294632668 (0xFFFAE4DC)
YUV	233.6660, -6.7373, 14.3249
Hunter-Lab	89.8356, 1.3845, 10.8501

Details

The CIELCh color `92, 9.071, 46.784` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.451, 228.298`, 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, 8.921, 48.909` is the 20% darker color. If you saturate the color by 10%, you get `87, 17.300, 46.416`, and if you desaturate by 10%, it is `97, 1.459, 46.941`.

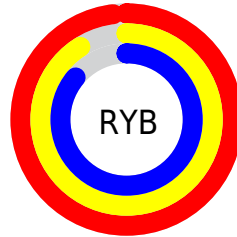
Distribution



Red (98%)

Green (89%)

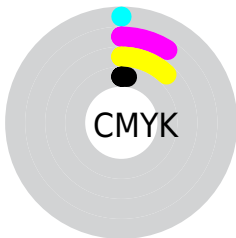
Blue (86%)



Red (98%)

Yellow (91%)

Blue (86%)

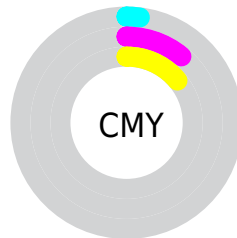


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.071, 46.784 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, 9.071, 46.784 by changing the saturation by 10% instead.

 92, 9.071, 46.784	 92, 9.071, 46.784
 100, 9.071, 46.784	 82, 9.071, 46.784
	 72, 9.071, 46.784
	 62, 9.071, 46.784
	 52, 9.071, 46.784
	 42, 9.071, 46.784
	 32, 9.071, 46.784
	 22, 9.071, 46.784
	 12, 9.071, 46.784
	 2, 9.071, 46.784

92, 9.071, 46.784

92, 9.071, 46.784

87, 17.300, 46.416

97, 1.459, 46.941

82, 26.205, 46.112

100, 1.857,
199.644

77, 35.820, 45.931

73, 46.145, 45.900

69, 57.101, 46.024

65, 68.455, 46.263

61, 79.643, 46.452

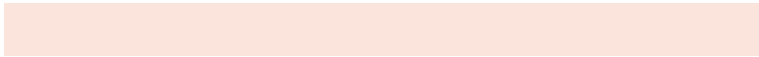
58, 89.426, 46.164

56, 95.311, 45.372

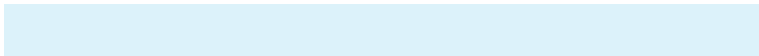
Harmonies

Complementary

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



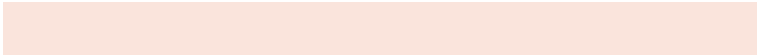
92, 9.071, 46.784



94, 8.451, 228.298

Rectangle

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



92, 9.071, 46.784



92, 9.071, 96.784



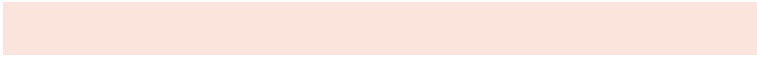
92, 9.071, 226.784



92, 9.071, 276.784

Sweetspot

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



92, 9.070, 46.802



98, 2.976, 47.050



91, 15.639, 333.754



52, 2.122, 47.045



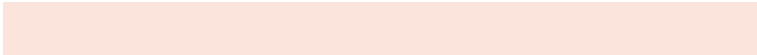
0, 0.000, 0.000



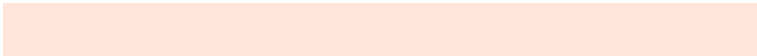
53, 0.007, 296.813

Same Dimension

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



92, 9.070, 46.802



93, 10.840, 46.721



96, 12.004, 96.895



49, 4.253, 46.901



43, 76.752, 45.887



12, 27.772, 40.863

Inverse Universe

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



94, 8.451, 228.298



95, 9.971, 228.441



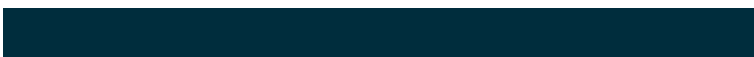
90, 12.132, 279.860



50, 4.026, 228.135



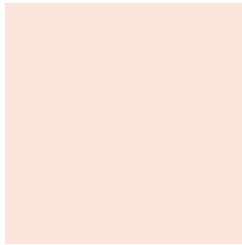
54, 37.245, 249.758



17, 16.233, 242.797

Previews

White Background



This preview shows how the CIELCh color 92, 9.071, 46.784 looks on a white background.

Color Contrast Check

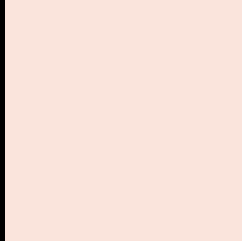
Large Text (above 18pt) WCAG AA × Fail

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, 9.071, 46.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

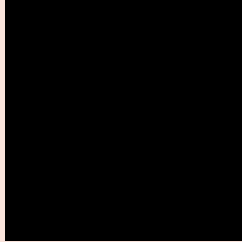
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

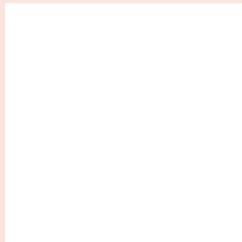
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.071, 46.784

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.071, 46.784.

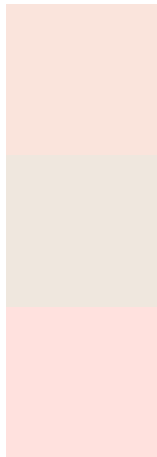


This preview shows how white text looks on a background with the CIELCh color 92, 9.071, 46.784.

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, 9.071, 46.784

Protanopia

92, 5.453, 77.577

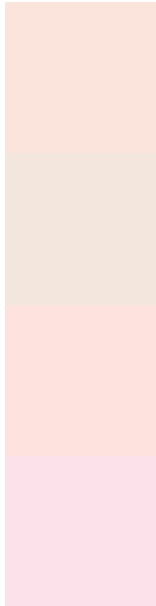
Deuteranopia

92, 11.134, 28.063



Tritanopia
92, 13.922, 338.512

Trichromacy



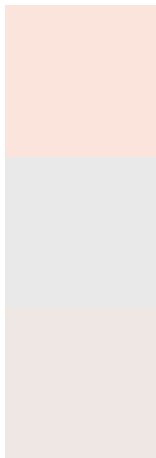
Original Color
92, 9.071, 46.784

Protanomaly
92, 6.618, 63.967

Deuteranomaly
92, 10.256, 34.512

Tritanomaly
92, 10.784, 354.669

Monochromacy



Original Color
92, 9.071, 46.784

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.252, 47.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.071, 46.784 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(250, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(250, 228, 220)  
}
```

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(250, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 228, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.071, 46.784 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(250, 228, 220) }
```

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

```
.border{ border-color:rgb(250, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 228, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 228, 220); box-shadow:4px 4px 4px 4px rgb(250, 228, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.071, 46.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 228, 220) }
```

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

```
.background{ background-color: rgb(250,  
228, 220) }
```

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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