

Converting Colors

CIELCh(92, 9.155, 64.432)

Have a look what the booklet for
CIELCh(92, 9.155, 64.432) contains.

CIELCh(92, 9.429, 64.815)	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, 9.429, 64.815)

Conversions

Conversions Part 1

Format	Color
Hex	F7E5D8
RGB	247, 229, 216
RGB Percent	97%, 90%, 85%
CMY	0.0317, 0.1023, 0.1533
CMYK	0.00, 0.07, 0.13, 0.03
HSL	25°, 66%, 91%
HSV	25°, 13%, 97%
XYZ	78.7078, 80.7044, 76.3385
YIQ	232.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

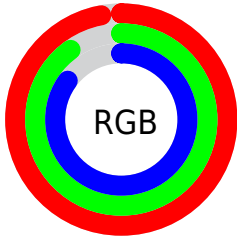
Format	Color
R_{YB}	247, 238, 216
Decimal	16246232
CIE _{Lab}	92.00, 4.01, 8.53
CIE _{LCh}	92, 9.429, 64.815
Yxy	80.7044, 0.3339, 0.3423
Android (android.graphics.Color)	4294436312 (0xFFFF7E5D8)
YUV	232.9000, -8.3317, 12.3657
Hunter-Lab	89.8356, -0.8230, 12.5028

Details

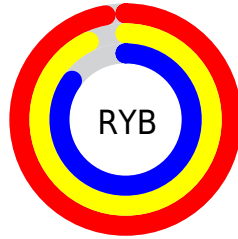
The CIELCh color `92, 9.429, 64.815` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 8.988, 247.811`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 9.707, 66.113` is the 20% darker color. If you saturate the color by 10%, you get `88, 17.466, 63.786`, and if you desaturate by 10%, it is `96, 1.858, 65.693`.

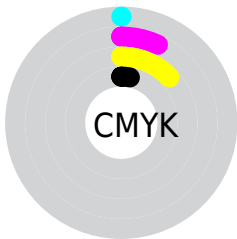
Distribution



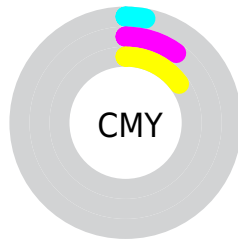
- Red (97%)
- Green (90%)
- Blue (85%)



- Red (97%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.429, 64.815 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, 9.429, 64.815 by changing the saturation by 10% instead.

 92, 9.429, 64.815	 92, 9.429, 64.815
 100, 9.429, 64.815	 82, 9.429, 64.815
	 72, 9.429, 64.815
	 62, 9.429, 64.815
	 52, 9.429, 64.815
	 42, 9.429, 64.815
	 32, 9.429, 64.815
	 22, 9.429, 64.815
	 12, 9.429, 64.815
	 2, 9.429, 64.815

92, 9.429, 64.815

92, 9.429, 64.815

88, 17.466, 63.786

96, 1.858, 65.693

84, 26.007, 62.743

99, 2.799, 199.464

80, 35.074, 61.725

76, 44.649, 60.735

73, 54.630, 59.754

69, 64.747, 58.715

66, 74.395, 57.445

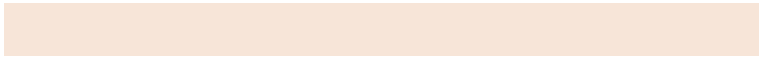
63, 82.438, 55.591

61, 86.921, 53.741

Harmonies

Complementary

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



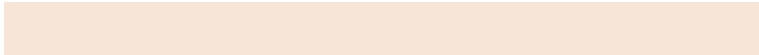
92, 9.429, 64.815



92, 8.988, 247.811

Rectangle

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



92, 9.429, 64.815



92, 9.429, 114.815



92, 9.429, 244.815



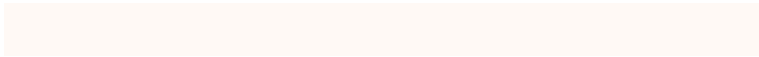
92, 9.429, 294.815

Sweetspot

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



92, 9.429, 64.832



98, 3.003, 65.635



89, 14.579, 340.376



52, 2.140, 65.582



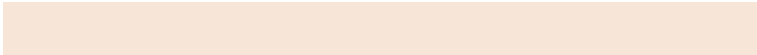
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 9.429, 64.832



94, 11.652, 64.575



96, 14.515, 105.287



49, 4.200, 65.145



47, 69.930, 54.440



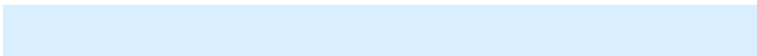
13, 24.899, 53.343

Inverse Universe

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



92, 8.988, 247.811



93, 10.988, 248.146



88, 14.866, 288.026



49, 4.056, 247.423



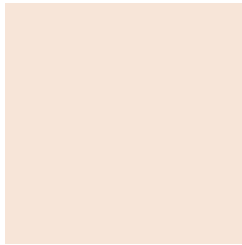
45, 48.412, 274.985



12, 19.266, 267.105

Previews

White Background



This preview shows how the CIELCh color 92, 9.429, 64.815 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, 9.429, 64.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

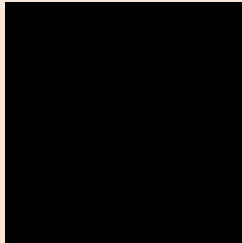
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

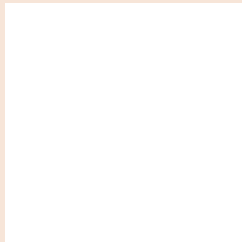
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.429, 64.815

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.429, 64.815.

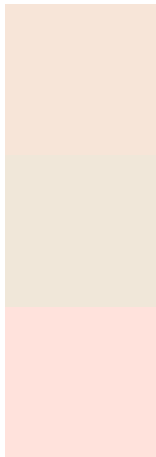


This preview shows how white text looks on a background with the CIELCh color 92, 9.429, 64.815.

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, 9.429, 64.815

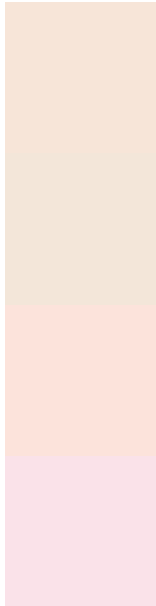
Protanopia
92, 7.915, 84.948

Deuteranopia
92, 11.136, 36.115



Tritanopia
92, 13.140, 335.289

Trichromacy



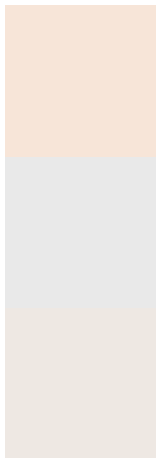
Original Color
92, 9.429, 64.815

Protanomaly
92, 8.213, 74.055

Deuteranomaly
92, 10.097, 43.944

Tritanomaly
92, 9.378, 357.405

Monochromacy



Original Color
92, 9.429, 64.815

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.342, 69.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.429, 64.815 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(247, 229, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 216)  
}
```

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(247, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.429, 64.815 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(247, 229, 216) }
```

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

```
.border{ border-color:rgb(247, 229, 216) }
```

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

Here you see how a box with a 4 pixel rgb(247, 229, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 229,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.429, 64.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 216) }
```

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

```
.background{ background-color: rgb(247,  
229, 216) }
```

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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