

Converting Colors

CIELCh(92, 13.387, 74.889)

Have a look what the booklet for
CIELCh(92, 13.387, 74.889) contains.

CIELCh(92, 13.168, 74.639)	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, 13.168, 74.639)

Conversions

Conversions Part 1

Format	Color
Hex	F9E5D0
RGB	249, 229, 208
RGB Percent	98%, 90%, 82%
CMY	0.0237, 0.1021, 0.1844
CMYK	0.00, 0.08, 0.16, 0.02
HSL	31°, 77%, 90%
HSV	31°, 16%, 98%
XYZ	78.4444, 80.7044, 71.0949
YIQ	232.5860, 18.6610, -2.2910

Conversions

Conversions Part 2

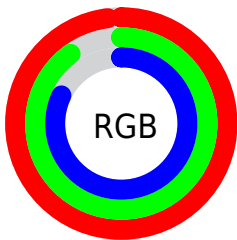
Format	Color
R _Y B	247, 249, 208
Decimal	16377296
CIE Lab	92.00, 3.49, 12.70
CIE LCh	92, 13.168, 74.639
Yxy	80.7044, 0.3407, 0.3505
Android (android.graphics.Color)	4294567376 (0xFFFF9E5D0)
YUV	232.5860, -12.1209, 14.3951
Hunter-Lab	89.8356, -1.3463, 15.9635

Details

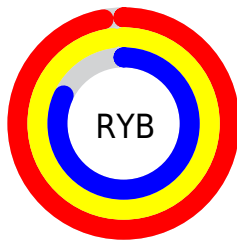
The CIELCh color **92, 13.168, 74.639** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 12.660, 259.092**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 13.018, 75.719** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.655, 73.382**, and if you desaturate by 10%, it is **96, 5.054, 75.860**.

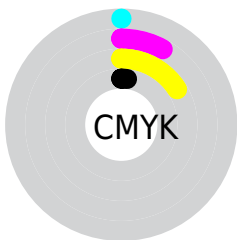
Distribution



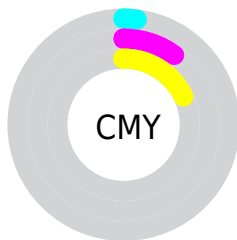
- Red (98%)
- Green (90%)
- Blue (82%)



- Red (97%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 13.168, 74.639 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, 13.168, 74.639 by changing the saturation by 10% instead.

 92, 13.168, 74.639

 92, 13.168, 74.639

 100, 13.168,
74.639

 82, 13.168, 74.639

 72, 13.168, 74.639

 62, 13.168, 74.639

 52, 13.168, 74.639

 42, 13.168, 74.639

 32, 13.168, 74.639

 22, 13.168, 74.639

 12, 13.168, 74.639

 2, 13.168, 74.639

92, 13.168, 74.639

92, 13.168, 74.639

88, 21.655, 73.382

96, 5.054, 75.860

85, 30.526, 72.090

99, 1.726, 230.741

82, 39.764, 70.779

100, 2.093,
199.589

78, 49.290, 69.441

75, 58.901, 68.036

72, 68.159, 66.469

70, 76.243, 64.535

67, 81.975, 61.888

66, 83.598, 60.862

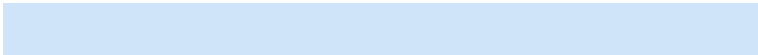
Harmonies

Complementary

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



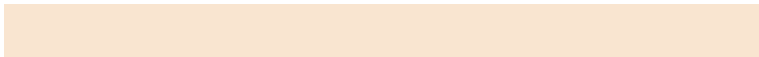
92, 13.168, 74.639



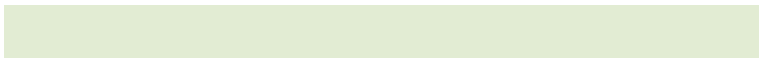
90, 12.660, 259.092

Rectangle

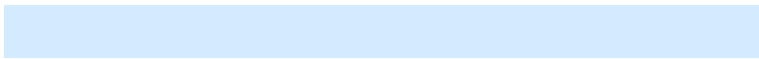
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 13.168, 74.639



92, 13.168, 124.639



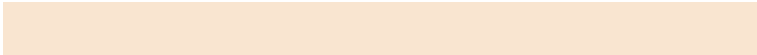
92, 13.168, 254.639



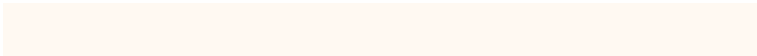
92, 13.168, 304.639

Sweetspot

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



92, 13.169, 74.651



98, 3.969, 76.017



87, 18.273, 345.065



52, 2.713, 75.943



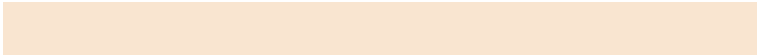
0, 0.000, 0.000



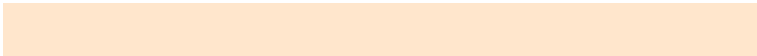
53, 0.007, 296.813

Same Dimension

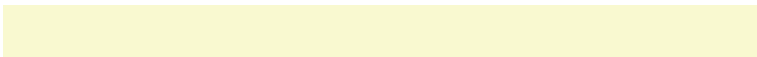
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 13.169, 74.651



93, 16.440, 74.203



97, 20.810, 108.573



50, 4.487, 75.508



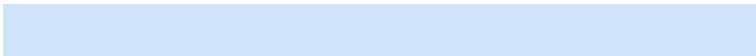
51, 67.662, 61.555



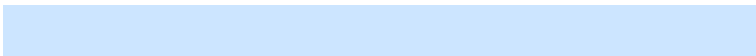
15, 25.833, 62.905

Inverse Universe

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



90, 12.660, 259.092



90, 15.651, 259.679



85, 21.616, 292.000



50, 4.396, 258.056



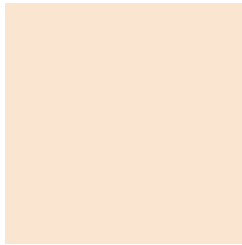
40, 59.112, 285.328



11, 23.466, 278.523

Previews

White Background



This preview shows how the CIE LCh color 92, 13.168, 74.639 looks on a white background.

Color Contrast Check

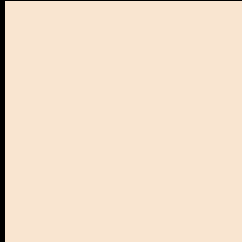
Large Text (above 18pt) WCAG AA × Fail

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, 13.168, 74.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

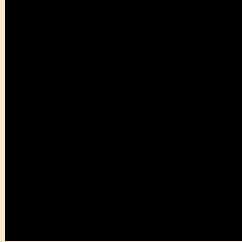
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 13.168, 74.639

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.168, 74.639.

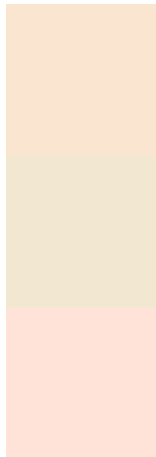


This preview shows how white text looks on a background with the CIELCh color 92, 13.168, 74.639.

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, 13.168, 74.639

Protanopia

92, 12.037, 89.386

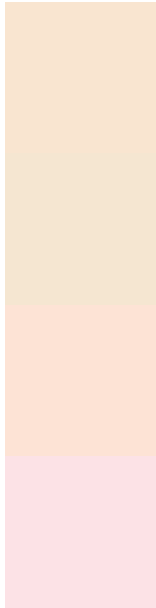
Deuteranopia

92, 11.947, 45.475



Tritanopia
92, 13.922, 338.512

Trichromacy



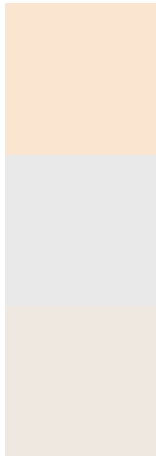
Original Color
92, 13.168, 74.639

Protanomaly
92, 12.174, 81.955

Deuteranomaly
92, 12.093, 56.376

Tritanomaly
92, 9.643, 7.717

Monochromacy



Original Color
92, 13.168, 74.639

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.817, 78.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 13.168, 74.639 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(249, 229, 208)` looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 208)  
}
```

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(249, 229, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.168, 74.639 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(249, 229, 208) }
```

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

```
.border{ border-color:rgb(249, 229, 208) }
```

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

Here you see how a box with a 4 pixel rgb(249, 229, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 208);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.168, 74.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 208) }
```

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

```
.background{ background-color: rgb(249,  
229, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor