

Converting Colors

CIELCh(98, 38.445, 35.707)

Have a look what the booklet for
CIELCh(98, 38.445, 35.707) contains.

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Color

CIELCh(92, 14.711, 61.459)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D0
RGB	255, 227, 208
RGB Percent	100%, 89%, 82%
CMY	0.0000, 0.1110, 0.1856
CMYK	0.00, 0.11, 0.19, 0.00
HSL	24°, 100%, 91%
HSV	24°, 19%, 100%
XYZ	80.2344, 80.7044, 70.8179
YIQ	233.2060, 22.7870, 0.0270

Conversions

Conversions Part 2

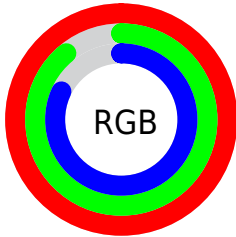
Format	Color
R _Y B	255, 240, 208
Decimal	16770000
CIE Lab	92.00, 7.03, 12.92
CIE LCh	92, 14.711, 61.459
Yxy	80.7044, 0.3462, 0.3482
Android (android.graphics.Color)	4294960080 (0xFFFFE3D0)
YUV	233.2060, -12.4266, 19.1133
Hunter-Lab	89.8356, 2.2103, 16.1464

Details

The CIELCh color **92, 14.711, 61.459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.395, 246.463**, 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, 14.321, 62.671** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.060, 61.196**, and if you desaturate by 10%, it is **96, 6.479, 63.161**.

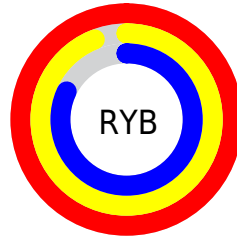
Distribution



Red (100%)

Green (89%)

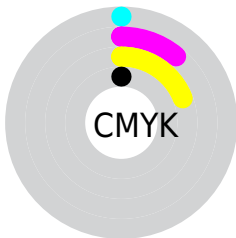
Blue (82%)



Red (100%)

Yellow (94%)

Blue (82%)

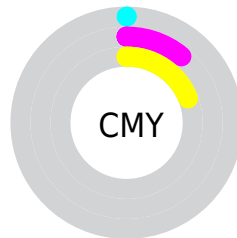


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.711, 61.459 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, 14.711, 61.459 by changing the saturation by 10% instead.

 92, 14.711, 61.459

 92, 14.711, 61.459

 100, 14.711,
61.459

 82, 14.711, 61.459

 72, 14.711, 61.459

 62, 14.711, 61.459

 52, 14.711, 61.459

 42, 14.711, 61.459

 32, 14.711, 61.459

 22, 14.711, 61.459

 12, 14.711, 61.459

 2, 14.711, 61.459

92, 14.711, 61.459

92, 14.711, 61.459

88, 23.060, 61.196

96, 6.479, 63.161

84, 32.173, 60.238

100, 0.012,
296.813

80, 41.853, 59.319

76, 52.040, 58.434

72, 62.546, 57.539

69, 72.916, 56.512

66, 82.206, 55.071

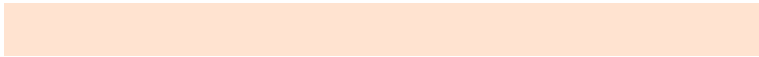
63, 89.085, 52.810

62, 89.988, 52.487

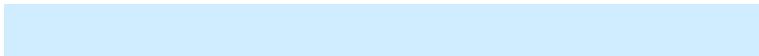
Harmonies

Complementary

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



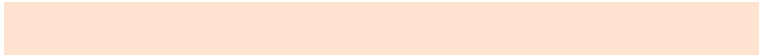
92, 14.711, 61.459



92, 13.395, 246.463

Rectangle

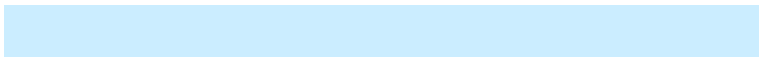
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 14.711, 61.459



92, 14.711, 111.459



92, 14.711, 241.459



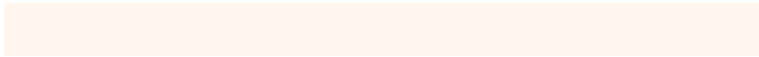
92, 14.711, 291.459

Sweetspot

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



92, 14.507, 62.183



97, 4.506, 63.388



88, 22.480, 340.084



52, 2.996, 63.333



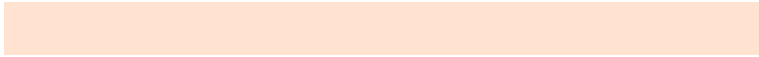
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 14.507, 62.183



90, 17.391, 61.841



98, 21.652, 103.828



51, 4.319, 63.071



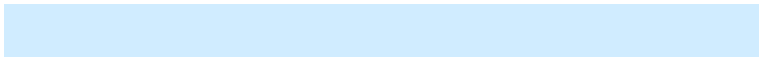
47, 72.071, 53.167



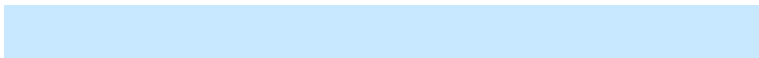
14, 27.447, 52.374

Inverse Universe

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



92, 13.395, 246.463



90, 15.794, 246.985



86, 22.390, 288.050



51, 4.159, 245.273



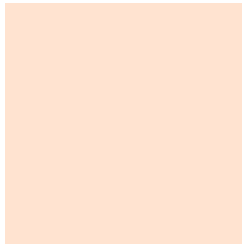
47, 47.731, 272.739



14, 19.962, 265.556

Previews

White Background



This preview shows how the CIE LCh color 92, 14.711, 61.459 looks on a white background.

Color Contrast Check

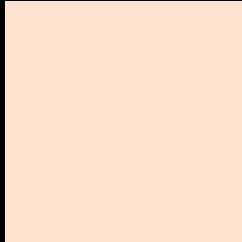
Large Text (above 18pt) WCAG AA × Fail

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, 14.711, 61.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

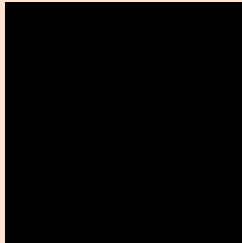
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 14.711, 61.459

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.711, 61.459.

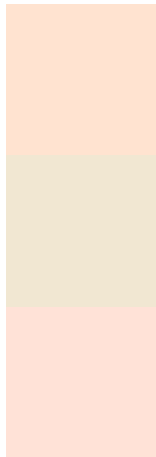


This preview shows how white text looks on a background with the CIELCh color 92, 14.711, 61.459.

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, 14.411, 62.468

Protanopia

92, 11.425, 90.344

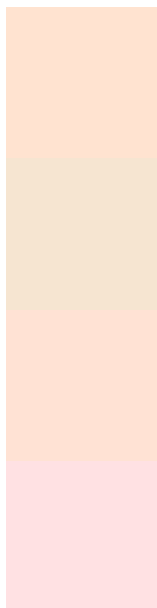
Deuteranopia

92, 12.197, 47.597



Tritanopia
92, 13.269, 347.394

Trichromacy



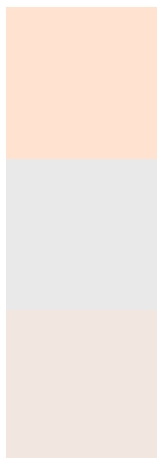
Original Color
92, 14.411, 62.468

Protanomaly
92, 12.103, 77.735

Deuteranomaly
92, 13.042, 53.428

Tritanomaly
92, 10.984, 14.770

Monochromacy



Original Color
92, 14.411, 62.468

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.094, 64.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.711, 61.459 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(255, 227, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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(255, 227, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.711, 61.459 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(255, 227, 208) }
```

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

```
.border{ border-color:rgb(255, 227, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.711, 61.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 208) }
```

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

```
.background{ background-color: rgb(255,  
227, 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](#).

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