

Converting Colors

CIELCh(100, 44.915, 33.869)

Have a look what the booklet for
CIELCh(100, 44.915, 33.869)
contains.

CIELCh(92, 14.355, 60.009)	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, 14.355, 60.009)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D1
RGB	255, 227, 209
RGB Percent	100%, 89%, 82%
CMY	0.0000, 0.1112, 0.1819
CMYK	0.00, 0.11, 0.18, 0.00
HSL	23°, 100%, 91%
HSV	23°, 18%, 100%
XYZ	80.3092, 80.7044, 71.4207
YIQ	233.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

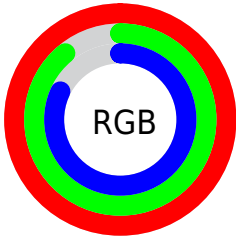
Format	Color
R _Y B	255, 239, 209
Decimal	16770001
CIE Lab	92.00, 7.18, 12.43
CIE LCh	92, 14.355, 60.009
Yxy	80.7044, 0.3455, 0.3472
Android (android.graphics.Color)	4294960081 (0xFFFFE3D1)
YUV	233.3200, -11.9898, 19.0134
Hunter-Lab	89.8356, 2.3590, 15.7485

Details

The CIELCh color **92, 14.355, 60.009** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.051, 244.705**, 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, 13.936, 61.154** is the 20% darker color. If you saturate the color by 10%, you get **88, 22.700, 59.728**, and if you desaturate by 10%, it is **96, 6.171, 61.592**.

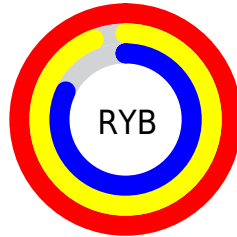
Distribution



Red (100%)

Green (89%)

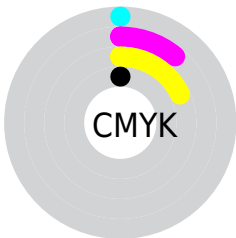
Blue (82%)



Red (100%)

Yellow (94%)

Blue (82%)

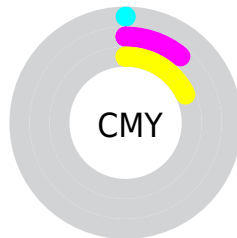


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.355, 60.009 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, 14.355, 60.009 by changing the saturation by 10% instead.

 92, 14.355, 60.009

 92, 14.355, 60.009

 100, 14.355,
60.009

 82, 14.355, 60.009

 72, 14.355, 60.009

 62, 14.355, 60.009

 52, 14.355, 60.009

 42, 14.355, 60.009

 32, 14.355, 60.009

 22, 14.355, 60.009

 12, 14.355, 60.009

 2, 14.355, 60.009

92, 14.355, 60.009

92, 14.355, 60.009

88, 22.700, 59.728

96, 6.171, 61.592

83, 31.813, 58.827

100, 0.012,
296.813

79, 41.513, 57.975

75, 51.750, 57.167

72, 62.346, 56.365

68, 72.866, 55.450

65, 82.385, 54.142

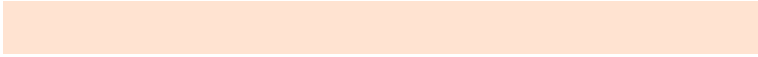
62, 89.512, 52.008

62, 90.670, 51.620

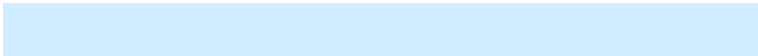
Harmonies

Complementary

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



92, 14.355, 60.009



92, 13.051, 244.705

Rectangle

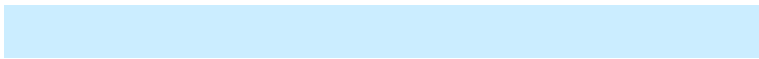
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 14.355, 60.009



92, 14.355, 110.009



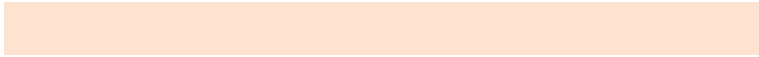
92, 14.355, 240.009



92, 14.355, 290.009

Sweetspot

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



92, 14.165, 60.663



98, 3.728, 61.850



88, 22.281, 339.257



52, 2.550, 61.799



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, 14.165, 60.663



90, 17.353, 60.304



98, 20.870, 103.016



51, 4.304, 61.475



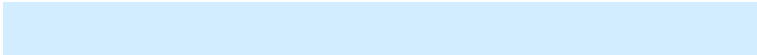
47, 72.603, 52.290



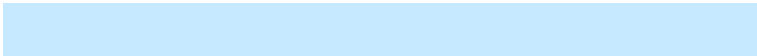
14, 27.562, 51.155

Inverse Universe

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



92, 13.051, 244.705



91, 15.683, 245.264



86, 21.527, 287.204



51, 4.136, 243.605



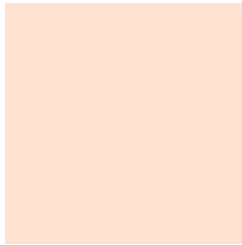
48, 46.453, 270.850



14, 19.524, 263.621

Previews

White Background



This preview shows how the CIE LCh color 92, 14.355, 60.009 looks on a white background.

Color Contrast Check

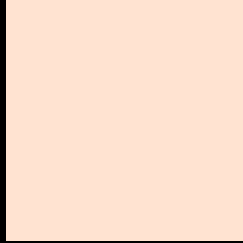
Large Text (above 18pt) WCAG AA × Fail

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, 14.355, 60.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

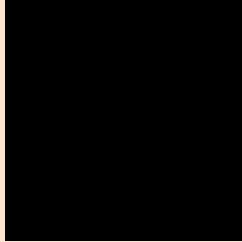
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 14.355, 60.009

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.355, 60.009.

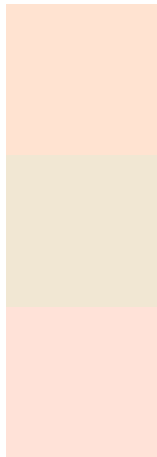


This preview shows how white text looks on a background with the CIELCh color 92, 14.355, 60.009.

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, 14.050, 61.011

Protanopia

92, 10.936, 89.538

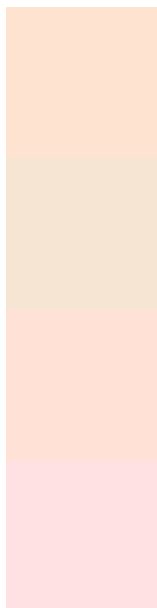
Deuteranopia

92, 11.947, 45.475



Tritanopia
92, 13.269, 347.394

Trichromacy



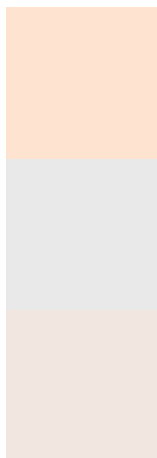
Original Color
92, 14.050, 61.011

Protanomaly
92, 11.661, 76.487

Deuteranomaly
92, 12.745, 51.573

Tritanomaly
92, 10.984, 14.770

Monochromacy



Original Color
92, 14.050, 61.011

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, 14.355, 60.009 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.355, 60.009 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, 209) }
```

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

```
.border{ border-color:rgb(255, 227, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.355, 60.009 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
227, 209) }
```

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