

Converting Colors

CIELCh(92, 10.236, 21.614)

Have a look what the booklet for
CIELCh(92, 10.236, 21.614) contains.

CIELCh(92, 10.246, 22.933)	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, 10.246, 22.933)

Conversions

Conversions Part 1

Format	Color
Hex	FEE2E1
RGB	254, 226, 225
RGB Percent	100%, 89%, 88%
CMY	0.0049, 0.1147, 0.1186
CMYK	0.00, 0.11, 0.11, 0.00
HSL	2°, 92%, 94%
HSV	2°, 11%, 100%
XYZ	81.4669, 80.7044, 82.3415
YIQ	234.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

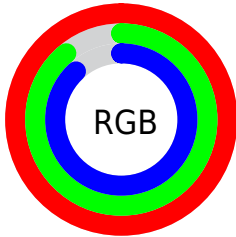
Format	Color
R _Y B	254, 226, 225
Decimal	16704225
CIE Lab	92.00, 9.44, 3.99
CIE LCh	92, 10.246, 22.933
Yxy	80.7044, 0.3332, 0.3301
Android (android.graphics.Color)	4294894305 (0xFFFE2E1)
YUV	234.2580, -4.5642, 17.3137
Hunter-Lab	89.8356, 4.6594, 8.5409

Details

The CIELCh color **92, 10.246, 22.933** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 9.510, 201.977**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.067, 23.294** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.006, 23.704**, and if you desaturate by 10%, it is **99, 1.229, 21.925**.

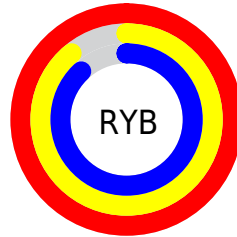
Distribution



Red (100%)

Green (89%)

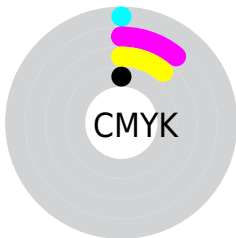
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

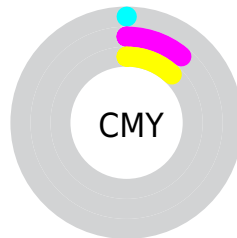


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.246, 22.933 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, 10.246, 22.933 by changing the saturation by 10% instead.

 92, 10.246, 22.933

 92, 10.246, 22.933

 100, 10.246,
22.933

 82, 10.246, 22.933

 72, 10.246, 22.933

 62, 10.246, 22.933

 52, 10.246, 22.933

 42, 10.246, 22.933

 32, 10.246, 22.933

 22, 10.246, 22.933

 12, 10.246, 22.933

 2, 10.246, 22.933

92, 10.246, 22.933

92, 10.246, 22.933

86, 20.006, 23.704

99, 1.229, 21.925

79, 30.527, 24.683

100, 0.435,
200.903

73, 41.765, 25.975

68, 53.586, 27.678

63, 65.744, 29.883

59, 77.854, 32.625

56, 89.284, 35.748

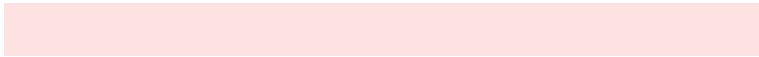
54, 98.720, 38.621

53, 103.772,
40.244

Harmonies

Complementary

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



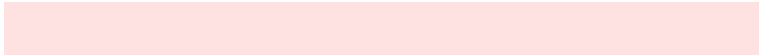
92, 10.246, 22.933



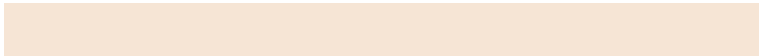
97, 9.510, 201.977

Rectangle

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



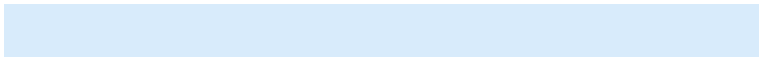
92, 10.246, 22.933



92, 10.246, 72.933



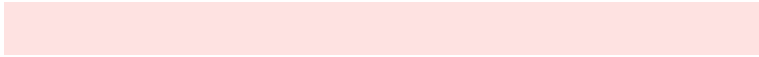
92, 10.246, 202.933



92, 10.246, 252.933

Sweetspot

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



92, 10.244, 22.946



98, 2.610, 22.286



92, 17.743, 325.966



52, 1.985, 22.381



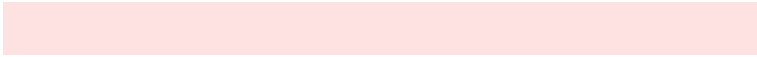
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

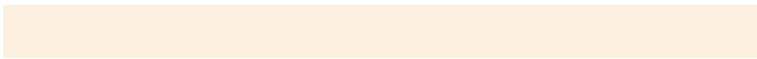
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.244, 22.946



91, 12.735, 23.126



96, 9.310, 77.456



50, 5.078, 22.815



40, 83.753, 40.349



10, 32.665, 28.866

Inverse Universe

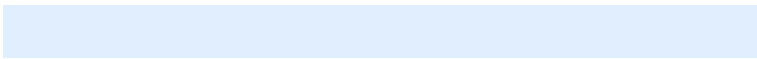
The Inverse Universe completely reimagines the original color for something new.



97, 9.510, 201.977



97, 11.614, 201.864



94, 9.107, 260.542



52, 4.775, 202.068



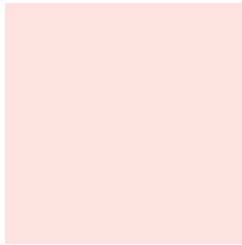
68, 38.488, 202.013



23, 17.802, 201.305

Previews

White Background



This preview shows how the CIELCh color 92, 10.246, 22.933 looks on a white background.

Color Contrast Check

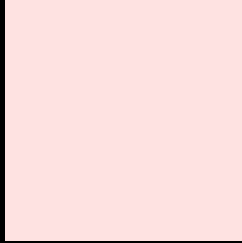
Large Text (above 18pt) WCAG AA × Fail

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, 10.246, 22.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

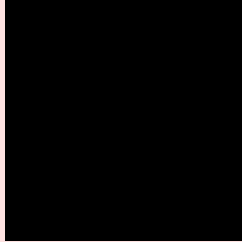
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

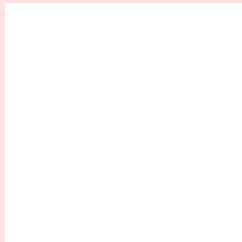
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.246, 22.933

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.246, 22.933.

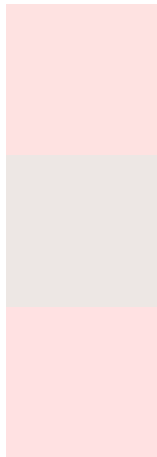


This preview shows how white text looks on a background with the CIELCh color 92, 10.246, 22.933.

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, 10.246, 22.933

Protanopia

92, 2.636, 55.185

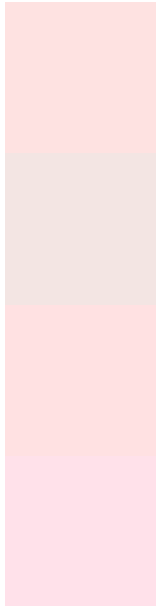
Deuteranopia

92, 10.965, 17.446



Tritanopia
92, 13.838, 343.782

Trichromacy



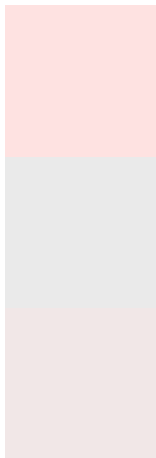
Original Color
92, 10.246, 22.933

Protanomaly
92, 5.157, 31.146

Deuteranomaly
92, 10.965, 17.446

Tritanomaly
92, 11.779, 357.061

Monochromacy



Original Color
92, 10.246, 22.933

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.586, 19.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.246, 22.933 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(254, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 225)  
}
```

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(254, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.246, 22.933 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(254, 226, 225) }
```

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

```
.border{ border-color:rgb(254, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.246, 22.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 225) }
```

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

```
.background{ background-color: rgb(254,  
226, 225) }
```

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