

Converting Colors

CIELCh(92, 18.629, 22.629)

Have a look what the booklet for
CIELCh(92, 18.629, 22.629) contains.

CIELCh(91, 12.933, 22.563)	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(91, 12.933, 22.563)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDC
RGB	255, 221, 220
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1326, 0.1365
CMYK	0.00, 0.13, 0.14, 0.00
HSL	2°, 100%, 93%
HSV	2°, 14%, 100%
XYZ	80.5425, 78.4833, 78.7429
YIQ	231.0520, 20.5850, 6.8970

Conversions

Conversions Part 2

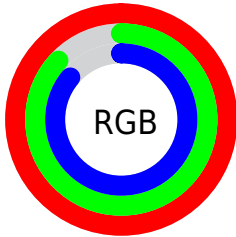
Format	Color
R _Y B	255, 221, 220
Decimal	16768476
CIE Lab	91.00, 11.94, 4.96
CIE LCh	91, 12.933, 22.563
Yxy	78.4833, 0.3387, 0.3301
Android (android.graphics.Color)	4294958556 (0xFFFFDDDC)
YUV	231.0520, -5.4486, 21.0024
Hunter-Lab	88.5908, 7.2496, 9.3144

Details

The CIELCh color **91, 12.933, 22.563** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 11.401, 201.344**, 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 **71, 12.519, 22.946** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.490, 23.447**, and if you desaturate by 10%, it is **98, 3.203, 21.868**.

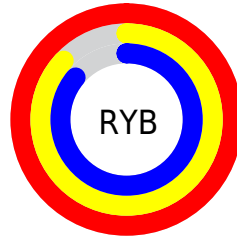
Distribution



Red (100%)

Green (87%)

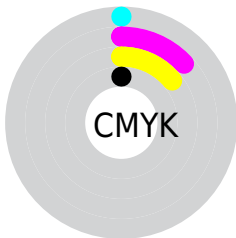
Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

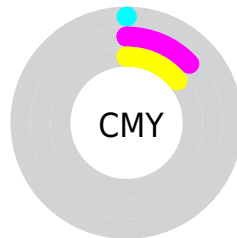


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.933, 22.563 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 91, 12.933, 22.563 by changing the saturation by 10% instead.

 91, 12.933, 22.563

 91, 12.933, 22.563

 100, 12.933,
22.563

 81, 12.933, 22.563

 71, 12.933, 22.563

 61, 12.933, 22.563

 51, 12.933, 22.563

 41, 12.933, 22.563

 31, 12.933, 22.563

 21, 12.933, 22.563

 11, 12.933, 22.563

 1, 12.933, 22.563

91, 12.933, 22.563

91, 12.933, 22.563

84, 22.490, 23.447

98, 3.203, 21.868

78, 33.271, 24.516

100, 0.012,
296.813

72, 44.742, 25.926

67, 56.740, 27.776

62, 68.983, 30.156

58, 81.036, 33.077

56, 92.171, 36.301

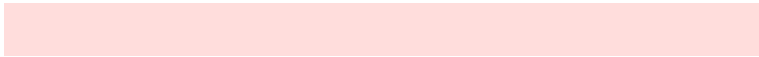
54, 100.811,
39.034

53, 104.229,
40.203

Harmonies

Complementary

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



91, 12.933, 22.563



97, 11.401, 201.344

Rectangle

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



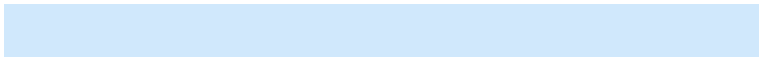
91, 12.933, 22.563



91, 12.933, 72.563



91, 12.933, 202.563



91, 12.933, 252.563

Sweetspot

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



91, 12.469, 22.625



97, 3.514, 21.904



92, 21.549, 325.633



51, 2.504, 21.975



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

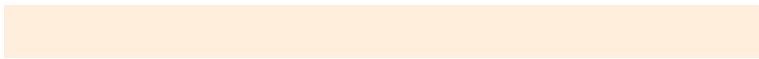
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.469, 22.625



89, 14.753, 22.801



95, 11.092, 75.456



50, 5.106, 22.330



40, 83.831, 40.291



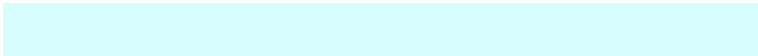
10, 32.776, 28.588

Inverse Universe

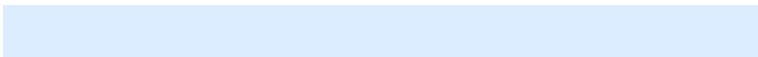
The Inverse Universe completely reimagines the original color for something new.



97, 11.401, 201.344



97, 13.269, 201.242



93, 10.755, 259.124



52, 4.802, 201.542



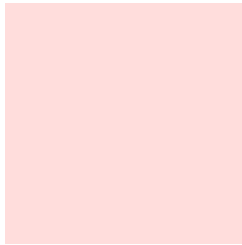
69, 38.775, 201.046



23, 17.921, 200.464

Previews

White Background



This preview shows how the CIELCh color 91, 12.933, 22.563 looks on a white background.

Color Contrast Check

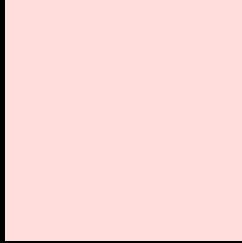
Large Text (above 18pt) WCAG AA × Fail

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 91, 12.933, 22.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

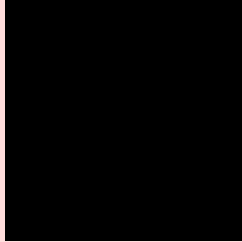
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

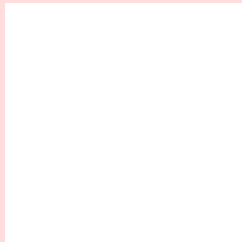
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.933, 22.563

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.933, 22.563.

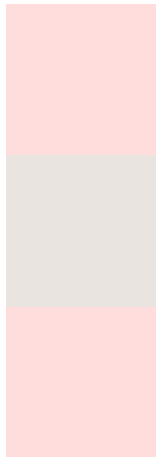


This preview shows how white text looks on a background with the CIELCh color 91, 12.933, 22.563.

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


91, 12.544, 22.600

Protanopia

91, 2.974, 63.293

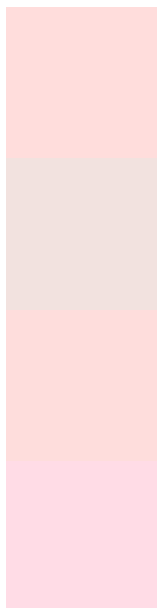
Deuteranopia

91, 12.168, 22.645



Tritanopia
91, 14.800, 348.919

Trichromacy



Original Color
91, 12.544, 22.600

Protanomaly
91, 6.011, 34.610

Deuteranomaly
91, 12.168, 22.645

Tritanomaly
91, 13.705, 358.280

Monochromacy



Original Color
91, 12.544, 22.600

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.688, 19.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.933, 22.563 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, 221, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 220)  
}
```

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, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.933, 22.563 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, 221, 220) }
```

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

```
.border{ border-color:rgb(255, 221, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.933, 22.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 220) }
```

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

```
.background{ background-color: rgb(255,  
221, 220) }
```

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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