

Converting Colors

CIELCh(91, 12.893, 22.192)

Have a look what the booklet for
CIELCh(91, 12.893, 22.192) contains.

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Color

CIELCh(91, 12.544, 22.600)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDC
RGB	255, 221, 220
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1316, 0.1355
CMYK	0.00, 0.13, 0.14, 0.00
HSL	2°, 100%, 93%
HSV	2°, 14%, 100%
XYZ	80.3576, 78.4833, 78.9296
YIQ	231.0520, 20.5850, 6.8970

Conversions

Conversions Part 2

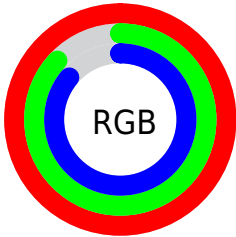
Format	Color
R _{YB}	255, 221, 220
Decimal	16768476
CIE Lab	91.00, 11.58, 4.82
CIE LCh	91, 12.544, 22.600
Yxy	78.4833, 0.3380, 0.3301
Android (android.graphics.Color)	4294958556 (0xFFFFDDDC)
YUV	231.0520, -5.4486, 21.0024
Hunter-Lab	88.5908, 6.8771, 9.1894

Details

The CIELCh color **91, 12.544, 22.600** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 11.319, 201.364**, 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, 22.383, 23.450**, and if you desaturate by 10%, it is **98, 3.114, 21.871**.

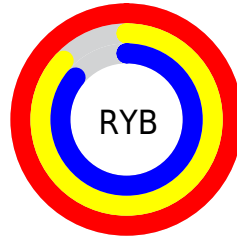
Distribution



Red (100%)

Green (87%)

Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

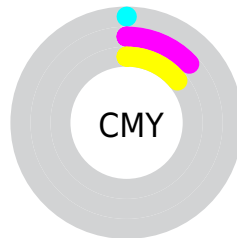


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 12.544, 22.600 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, 12.544, 22.600 by changing the saturation by 10% instead.

 91, 12.544, 22.600

 91, 12.544, 22.600

 100, 12.544,
22.600

 81, 12.544, 22.600

 71, 12.544, 22.600

 61, 12.544, 22.600

 51, 12.544, 22.600

 41, 12.544, 22.600

 31, 12.544, 22.600

 21, 12.544, 22.600

 11, 12.544, 22.600

 1, 12.544, 22.600

91, 12.544, 22.600

91, 12.544, 22.600

84, 22.383, 23.450

98, 3.114, 21.871

78, 33.155, 24.516

100, 0.012,
296.813

72, 44.618, 25.921

67, 56.612, 27.765

62, 68.853, 30.138

58, 80.912, 33.052

56, 92.064, 36.273

54, 100.742,
39.016

53, 104.228,
40.204

Harmonies

Complementary

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



91, 12.544, 22.600



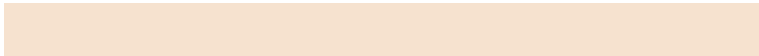
97, 11.319, 201.364

Rectangle

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



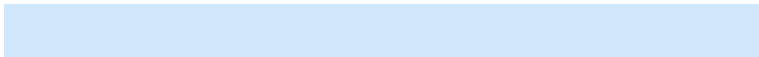
91, 12.544, 22.600



91, 12.544, 72.600



91, 12.544, 202.600



91, 12.544, 252.600

Sweetspot

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



91, 12.370, 22.631



97, 3.513, 21.918



92, 21.390, 325.628



51, 2.504, 21.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

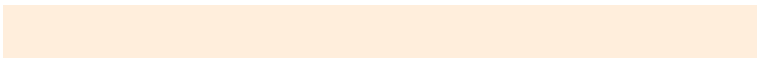
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 12.370, 22.631



89, 14.750, 22.814



95, 11.009, 75.468



50, 5.105, 22.343



40, 83.828, 40.293



10, 32.773, 28.596

Inverse Universe

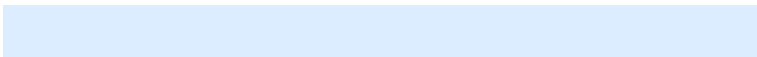
The Inverse Universe completely reimagines the original color for something new.



97, 11.319, 201.364



97, 13.267, 201.258



93, 10.677, 259.109



52, 4.802, 201.557



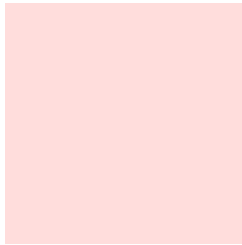
69, 38.766, 201.074



23, 17.917, 200.487

Previews

White Background



This preview shows how the CIELCh color 91, 12.544, 22.600 looks on a white background.

Color Contrast Check

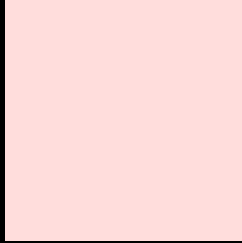
Large Text (above 18pt) WCAG AA × Fail

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, 12.544, 22.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

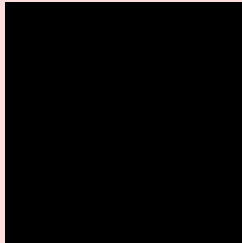
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 12.544, 22.600

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.544, 22.600.

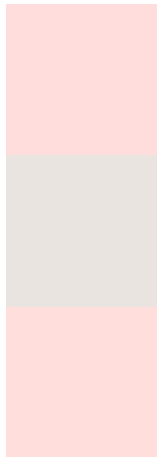


This preview shows how white text looks on a background with the CIELCh color 91, 12.544, 22.600.

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, 12.210, 25.043



Tritanopia
91, 15.064, 347.227

Trichromacy



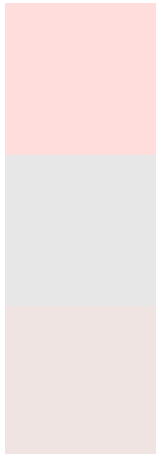
Original Color
91, 12.544, 22.600

Protanomaly
91, 6.011, 34.610

Deuteranomaly
91, 12.210, 25.043

Tritanomaly
91, 13.180, 359.732

Monochromacy



Original Color
91, 12.544, 22.600

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.354, 26.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 12.544, 22.600 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, 12.544, 22.600 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, 12.544, 22.600 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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