

Converting Colors

CIELCh(91, 15.607, 68.623)

Have a look what the booklet for
CIELCh(91, 15.607, 68.623) contains.

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Color

CIELCh(91, 15.465, 69.676)

Conversions

Conversions Part 1

Format	Color
Hex	FBE1CA
RGB	251, 225, 202
RGB Percent	98%, 88%, 79%
CMY	0.0164, 0.1183, 0.2085
CMYK	0.00, 0.10, 0.20, 0.02
HSL	28°, 85%, 89%
HSV	28°, 20%, 98%
XYZ	77.2329, 78.4833, 66.8448
YIQ	230.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

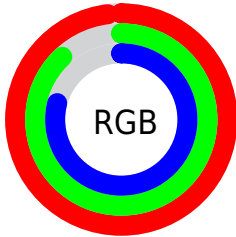
Format	Color
R _Y B	251, 245, 202
Decimal	16507338
CIE Lab	91.00, 5.37, 14.50
CIE LCh	91, 15.465, 69.676
Yxy	78.4833, 0.3470, 0.3526
Android (android.graphics.Color)	4294697418 (0xFFFBE1CA)
YUV	230.1520, -13.8789, 18.2837
Hunter-Lab	88.5908, 0.5811, 17.2772

Details

The CIELCh color **91, 15.465, 69.676** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 14.536, 254.807**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 15.455, 70.180** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.016, 68.493**, and if you desaturate by 10%, it is **95, 7.351, 70.853**.

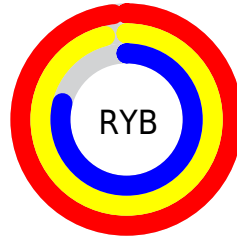
Distribution



Red (98%)

Green (88%)

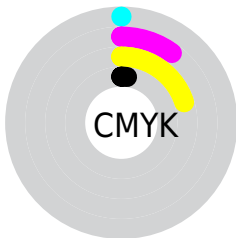
Blue (79%)



Red (98%)

Yellow (96%)

Blue (79%)

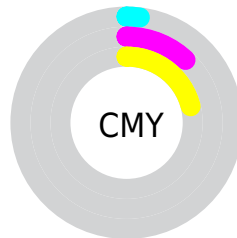


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 15.465, 69.676 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, 15.465, 69.676 by changing the saturation by 10% instead.

 91, 15.465, 69.676

 91, 15.465, 69.676

 100, 15.465,
69.676

 81, 15.465, 69.676

 71, 15.465, 69.676

 61, 15.465, 69.676

 51, 15.465, 69.676

 41, 15.465, 69.676

 31, 15.465, 69.676

 21, 15.465, 69.676

 11, 15.465, 69.676

 1, 15.465, 69.676

91, 15.465, 69.676

91, 15.465, 69.676

87, 24.016, 68.493

95, 7.351, 70.853

84, 33.021, 67.296

99, 0.360, 253.391

80, 42.462, 66.099

100, 1.453,
199.769

77, 52.249, 64.888

73, 62.147, 63.610

70, 71.638, 62.136

67, 79.749, 60.193

65, 85.468, 57.498

64, 85.720, 57.376

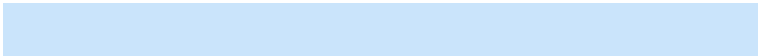
Harmonies

Complementary

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



91, 15.465, 69.676



89, 14.536, 254.807

Rectangle

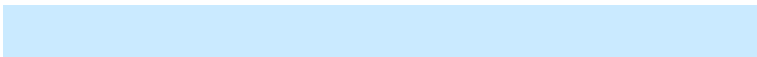
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 15.465, 69.676



91, 15.465, 119.676



91, 15.465, 249.676



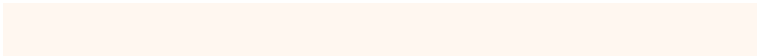
91, 15.465, 299.676

Sweetspot

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



91, 15.465, 69.687



98, 4.645, 71.235



86, 22.345, 343.553



52, 3.086, 71.167



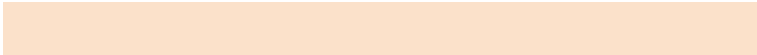
0, 0.000, 0.000



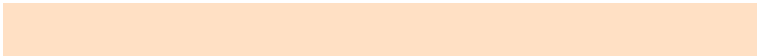
53, 0.007, 296.813

Same Dimension

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



91, 15.465, 69.687



91, 18.628, 69.272



97, 24.016, 106.859



50, 4.370, 70.857



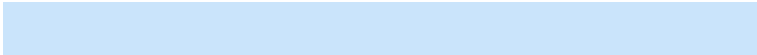
49, 68.915, 58.089



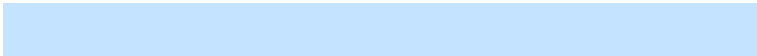
15, 25.879, 58.579

Inverse Universe

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



89, 14.536, 254.807



89, 17.292, 255.398



83, 25.057, 291.089



50, 4.253, 253.318



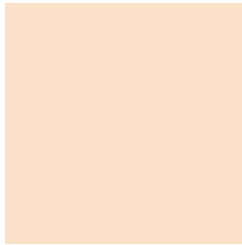
42, 54.223, 280.983



12, 21.735, 273.834

Previews

White Background



This preview shows how the CIELCh color 91, 15.465, 69.676 looks on a white background.

Color Contrast Check

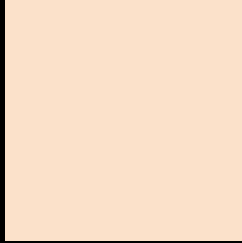
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 15.465, 69.676 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, 15.465, 69.676

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.465, 69.676.

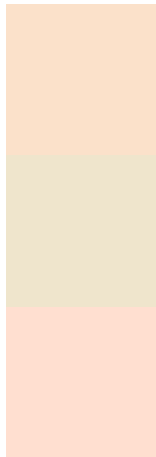


This preview shows how white text looks on a background with the CIELCh color 91, 15.465, 69.676.

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, 15.465, 69.676

Protanopia

91, 13.420, 92.934

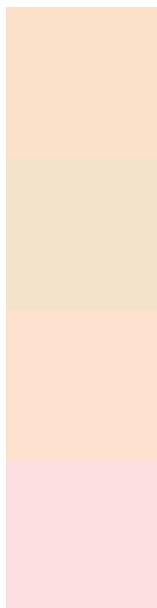
Deuteranopia

91, 14.349, 52.573



Tritanopia
91, 15.341, 345.597

Trichromacy



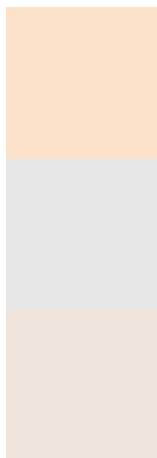
Original Color
91, 15.465, 69.676

Protanomaly
91, 13.777, 83.274

Deuteranomaly
91, 14.383, 59.996

Tritanomaly
91, 11.384, 14.988

Monochromacy



Original Color
91, 15.465, 69.676

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.488, 68.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.465, 69.676 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(251, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 225, 202)  
}
```

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(251, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 225, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.465, 69.676 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(251, 225, 202) }
```

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

```
.border{ border-color:rgb(251, 225, 202) }
```

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

Here you see how a box with a 4 pixel rgb(251, 225, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 225,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.465, 69.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 225, 202) }
```

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

```
.background{ background-color: rgb(251,  
225, 202) }
```

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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