

Converting Colors

CIELCh(95, 32.970, 53.978)

Have a look what the booklet for
CIELCh(95, 32.970, 53.978) contains.

CIELCh(91, 21.763, 77.689)	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, 21.763, 77.689)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1BD
RGB	254, 225, 189
RGB Percent	100%, 88%, 74%
CMY	0.0046, 0.1182, 0.2592
CMYK	0.00, 0.11, 0.26, 0.00
HSL	33°, 97%, 87%
HSV	33°, 26%, 100%
XYZ	76.8703, 78.4833, 59.1823
YIQ	229.5670, 28.8400, -5.0480

Conversions

Conversions Part 2

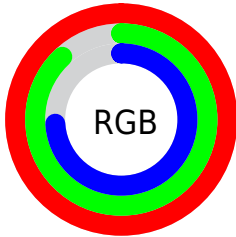
Format	Color
R _Y B	241, 254, 189
Decimal	16703933
CIE Lab	91.00, 4.64, 21.26
CIE LCh	91, 21.763, 77.689
Yxy	78.4833, 0.3583, 0.3658
Android (android.graphics.Color)	4294894013 (0xFFFE1BD)
YUV	229.5670, -19.9995, 21.4277
Hunter-Lab	88.5908, -0.1493, 22.4054

Details

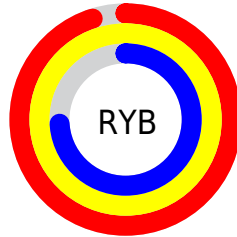
The CIELCh color **91, 21.763, 77.689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 20.764, 265.016**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **71, 21.696, 77.361** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.854, 76.348**, and if you desaturate by 10%, it is **94, 13.002, 79.010**.

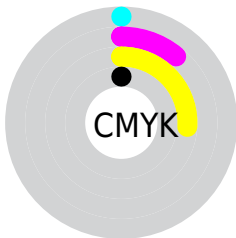
Distribution



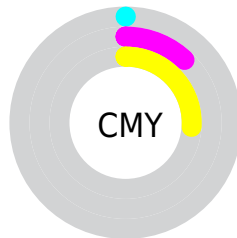
- Red (100%)
- Green (88%)
- Blue (74%)



- Red (95%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 21.763, 77.689 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, 21.763, 77.689 by changing the saturation by 10% instead.

91, 21.763, 77.689

91, 21.763, 77.689

100, 21.763,
77.689

81, 21.763, 77.689

71, 21.763, 77.689

61, 21.763, 77.689

51, 21.763, 77.689

41, 21.763, 77.689

31, 21.763, 77.689

21, 21.763, 77.689

11, 21.763, 77.689

1, 21.763, 77.689

91, 21.763, 77.689

91, 21.763, 77.689

88, 30.854, 76.348

94, 13.002, 79.010

85, 40.244, 74.969

98, 4.564, 80.247

82, 49.839, 73.549

100, 0.409,
201.000

79, 59.422, 72.054

76, 68.543, 70.399

73, 76.390, 68.407

71, 81.830, 65.778

69, 83.569, 64.452

Harmonies

Complementary

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



91, 21.763, 77.689



86, 20.764, 265.016

Rectangle

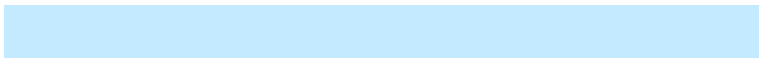
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 21.763, 77.689



91, 21.763, 127.689



91, 21.763, 257.689



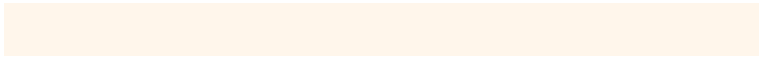
91, 21.763, 307.689

Sweetspot

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



91, 21.764, 77.697



97, 6.603, 79.963



83, 28.193, 348.905



51, 4.707, 79.779



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, 21.764, 77.697



90, 26.752, 76.969



98, 32.730, 109.848



51, 4.707, 79.779



53, 67.393, 65.128



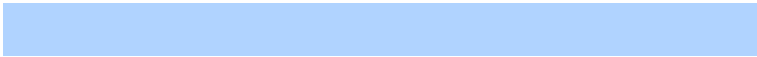
17, 27.104, 67.261

Inverse Universe

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



86, 20.764, 265.016



84, 25.240, 266.094



79, 34.795, 294.939



50, 4.639, 262.368



38, 64.823, 289.038



11, 26.155, 282.927

Previews

White Background



This preview shows how the CIE LCh color 91, 21.763, 77.689 looks on a white background.

Color Contrast Check

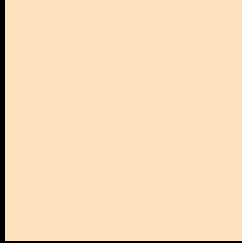
Large Text (above 18pt) WCAG AA × Fail

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, 21.763, 77.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

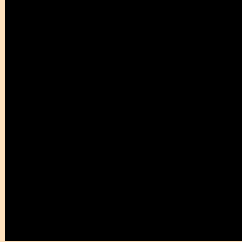
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 21.763, 77.689

Background



This preview shows how black text looks on a background with the CIELCh color 91, 21.763, 77.689.



This preview shows how white text looks on a background with the CIELCh color 91, 21.763, 77.689.

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, 21.784, 77.676

Protanopia

91, 20.203, 94.333

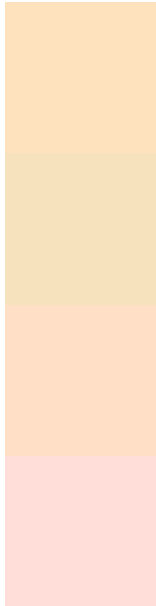
Deuteranopia

91, 15.990, 60.017



Tritanopia
91, 14.550, 350.672

Trichromacy



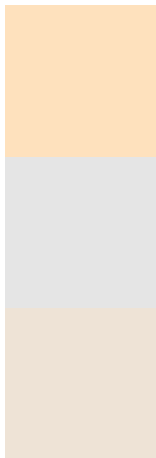
Original Color
91, 21.784, 77.676

Protanomaly
91, 20.458, 87.711

Deuteranomaly
91, 17.972, 67.888

Tritanomaly
91, 12.385, 29.759

Monochromacy



Original Color
91, 21.784, 77.676

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.826, 78.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 21.763, 77.689 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, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 189)  
}
```

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, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 21.763, 77.689 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, 225, 189) }
```

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

```
.border{ border-color:rgb(254, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 21.763, 77.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 189) }
```

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

```
.background{ background-color: rgb(254,  
225, 189) }
```

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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