

Converting Colors

CIELCh(91, 24.013, 77.554)

Have a look what the booklet for
CIELCh(91, 24.013, 77.554) contains.

CIELCh(91, 23.577, 77.749)	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, 23.577, 77.749)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1BA
RGB	255, 225, 186
RGB Percent	100%, 88%, 73%
CMY	0.0000, 0.1195, 0.2725
CMYK	0.00, 0.12, 0.27, 0.00
HSL	34°, 100%, 86%
HSV	34°, 27%, 100%
XYZ	77.0500, 78.4833, 57.2697
YIQ	229.5240, 30.3990, -5.7690

Conversions

Conversions Part 2

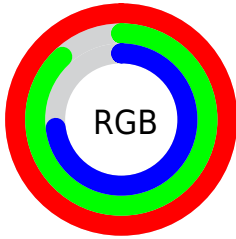
Format	Color
R_{YB}	239, 255, 186
Decimal	16769466
CIE _{Lab}	91.00, 5.00, 23.04
CIE _{LCh}	91, 23.577, 77.749
Yxy	78.4833, 0.3621, 0.3688
Android (android.graphics.Color)	4294959546 (0xFFFFE1BA)
YUV	229.5240, -21.4573, 22.3425
Hunter-Lab	88.5908, 0.2127, 23.6854

Details

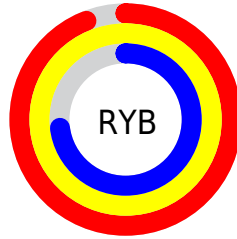
The CIELCh color **91, 23.577, 77.749** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.383, 266.082**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **71, 23.350, 78.252** is the 20% darker color. If you saturate the color by 10%, you get **88, 32.665, 76.843**, and if you desaturate by 10%, it is **94, 14.579, 79.530**.

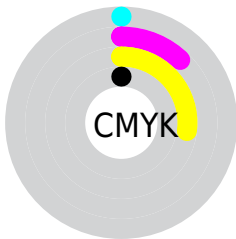
Distribution



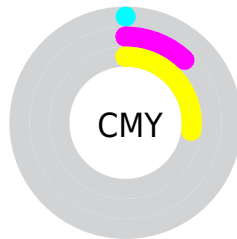
- Red (100%)
- Green (88%)
- Blue (73%)



- Red (94%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 23.577, 77.749 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, 23.577, 77.749 by changing the saturation by 10% instead.

91, 23.577, 77.749

91, 23.577, 77.749

100, 23.577,
77.749

81, 23.577, 77.749

71, 23.577, 77.749

61, 23.577, 77.749

51, 23.577, 77.749

41, 23.577, 77.749

31, 23.577, 77.749

21, 23.577, 77.749

11, 23.577, 77.749

1, 23.577, 77.749

91, 23.577, 77.749

91, 23.577, 77.749

88, 32.665, 76.843

94, 14.579, 79.530

85, 42.143, 75.449

98, 6.012, 80.795

82, 51.782, 74.009

100, 0.012,
296.813

79, 61.329, 72.482

76, 70.275, 70.774

73, 77.733, 68.689

71, 82.605, 65.931

70, 83.675, 65.119

Harmonies

Complementary

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



91, 23.577, 77.749



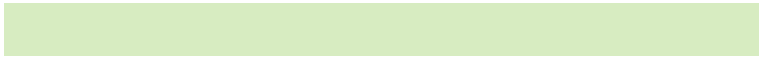
85, 22.383, 266.082

Rectangle

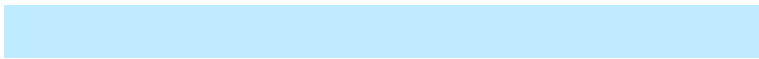
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 23.577, 77.749



91, 23.577, 127.749



91, 23.577, 257.749



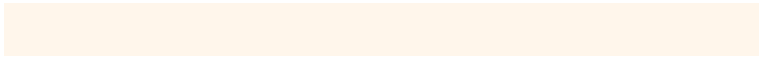
91, 23.577, 307.749

Sweetspot

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



91, 23.464, 78.204



97, 6.643, 80.704



82, 30.185, 349.099



51, 4.735, 80.520



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, 23.464, 78.204



89, 28.718, 77.426



98, 34.963, 109.698



51, 4.735, 80.520



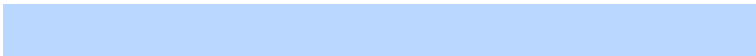
54, 67.253, 65.798



17, 27.137, 68.018

Inverse Universe

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



85, 22.383, 266.082



82, 27.095, 267.258



78, 37.340, 295.165



50, 4.672, 263.110



38, 65.752, 289.644



11, 26.506, 283.597

Previews

White Background



This preview shows how the CIELCh color 91, 23.577, 77.749 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, 23.577, 77.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

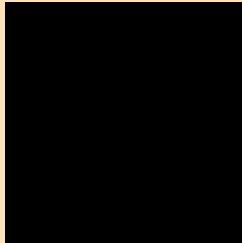
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 23.577, 77.749

Background



This preview shows how black text looks on a background with the CIELCh color 91, 23.577, 77.749.

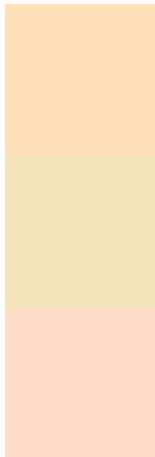


This preview shows how white text looks on a background with the CIELCh color 91, 23.577, 77.749.

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, 23.349, 78.584

Protanopia

91, 21.797, 94.161

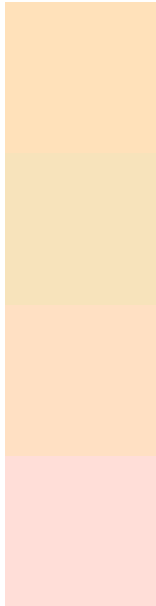
Deuteranopia

91, 16.715, 62.553



Tritanopia
91, 14.550, 350.672

Trichromacy



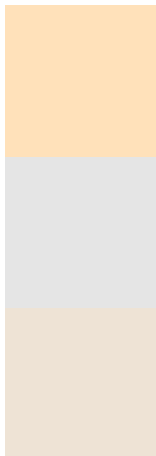
Original Color
91, 23.349, 78.584

Protanomaly
91, 22.055, 87.995

Deuteranomaly
91, 19.204, 70.700

Tritanomaly
91, 12.643, 34.310

Monochromacy



Original Color
91, 23.349, 78.584

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.277, 80.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 23.577, 77.749 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, 225, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 186)  
}
```

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, 225, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 23.577, 77.749 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, 225, 186) }
```

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

```
.border{ border-color:rgb(255, 225, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 23.577, 77.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 186) }
```

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

```
.background{ background-color: rgb(255,  
225, 186) }
```

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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