

Converting Colors

CIELCh(93, 30.573, 59.745)

Have a look what the booklet for
CIELCh(93, 30.573, 59.745) contains.

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Color

CIELCh(91, 23.362, 76.343)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BA
RGB	255, 224, 186
RGB Percent	100%, 88%, 73%
CMY	0.0000, 0.1207, 0.2699
CMYK	0.00, 0.12, 0.27, 0.00
HSL	33°, 100%, 87%
HSV	33°, 27%, 100%
XYZ	77.3047, 78.4833, 57.6308
YIQ	228.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

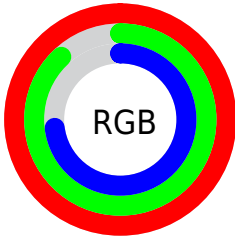
Format	Color
R_{YB}	242, 255, 186
Decimal	16769210
CIE _{Lab}	91.00, 5.52, 22.70
CIE _{LCh}	91, 23.362, 76.343
Yxy	78.4833, 0.3622, 0.3677
Android (android.graphics.Color)	4294959290 (0xFFFFE0BA)
YUV	228.9370, -21.1679, 22.8573
Hunter-Lab	88.5908, 0.7258, 23.4437

Details

The CIELCh color **91, 23.362, 76.343** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.955, 265.163**, 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, 23.126, 76.768** is the 20% darker color. If you saturate the color by 10%, you get **88, 32.257, 76.034**, and if you desaturate by 10%, it is **94, 14.255, 78.705**.

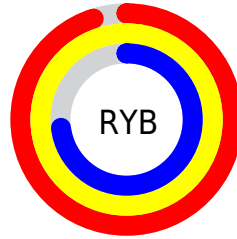
Distribution



Red (100%)

Green (88%)

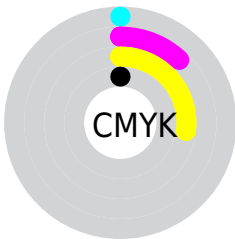
Blue (73%)



Red (95%)

Yellow (100%)

Blue (73%)

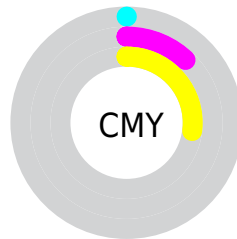


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 23.362, 76.343 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, 23.362, 76.343 by changing the saturation by 10% instead.

 91, 23.362, 76.343

 91, 23.362, 76.343

 100, 23.362,
76.343

 81, 23.362, 76.343

 71, 23.362, 76.343

 61, 23.362, 76.343

 51, 23.362, 76.343

 41, 23.362, 76.343

 31, 23.362, 76.343

 21, 23.362, 76.343

 11, 23.362, 76.343

 1, 23.362, 76.343

91, 23.362, 76.343

91, 23.362, 76.343

88, 32.257, 76.034

94, 14.255, 78.705

84, 41.718, 74.651

98, 5.748, 79.961

81, 51.367, 73.225

100, 0.012,
296.813

78, 60.960, 71.716

76, 70.004, 70.029

73, 77.622, 67.968

70, 82.690, 65.225

70, 83.898, 64.331

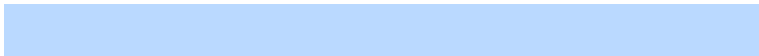
Harmonies

Complementary

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



91, 23.362, 76.343



86, 21.955, 265.163

Rectangle

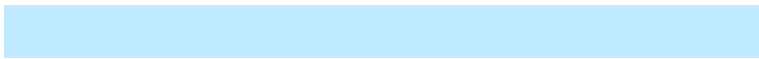
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 23.362, 76.343



91, 23.362, 126.343



91, 23.362, 256.343



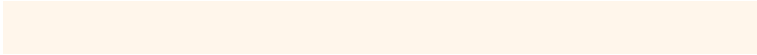
91, 23.362, 306.343

Sweetspot

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



91, 23.091, 77.386



97, 6.596, 79.840



83, 29.888, 349.068



51, 4.702, 79.656



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, 23.091, 77.386



89, 27.647, 76.712



98, 34.630, 109.721



51, 4.702, 79.656



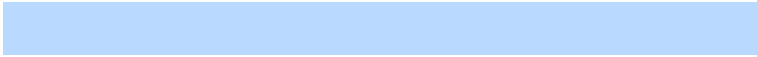
53, 67.418, 65.018



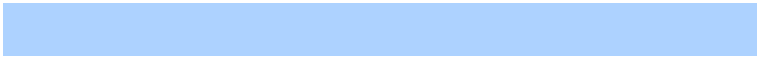
17, 27.099, 67.136

Inverse Universe

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



86, 21.955, 265.163



83, 26.014, 266.179



78, 36.958, 295.129



50, 4.634, 262.244



38, 64.669, 288.936



11, 26.097, 282.815

Previews

White Background



This preview shows how the CIE LCh color 91, 23.362, 76.343 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, 23.362, 76.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

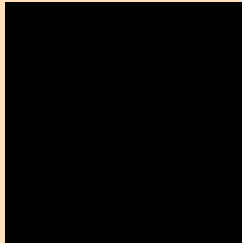
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 23.362, 76.343

Background



This preview shows how black text looks on a background with the CIELCh color 91, 23.362, 76.343.



This preview shows how white text looks on a background with the CIELCh color 91, 23.362, 76.343.

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, 23.126, 77.173

Protanopia

91, 21.703, 95.151

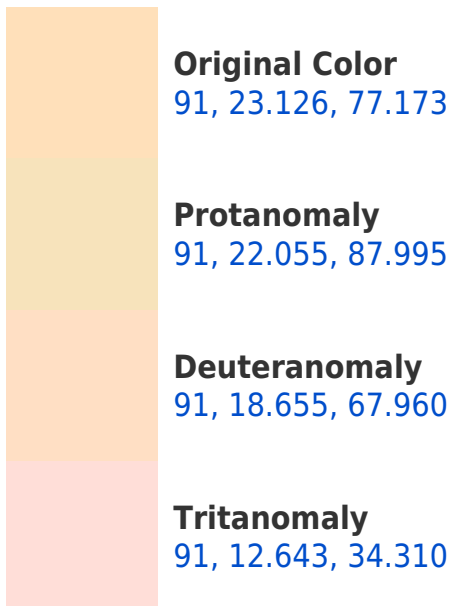
Deuteranopia

91, 16.715, 62.553



Tritanopia
91, 14.315, 352.485

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 23.362, 76.343 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, 224, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 23.362, 76.343 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, 224, 186) }
```

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

```
.border{ border-color:rgb(255, 224, 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, 224, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 23.362, 76.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 186) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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