

Converting Colors

CIELCh(90, 15.385, 0.777)

Have a look what the booklet for
CIELCh(90, 15.385, 0.777) contains.

CIELCh(90, 15.131, 0.554)	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(90, 15.131, 0.554)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E3
RGB	255, 217, 227
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1507, 0.1114
CMYK	0.00, 0.15, 0.11, 0.00
HSL	344°, 100%, 92%
HSV	344°, 15%, 100%
XYZ	79.9703, 76.3034, 82.8820
YIQ	229.5020, 19.4380, 11.1660

Conversions

Conversions Part 2

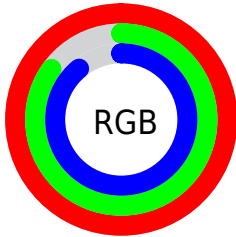
Format	Color
R_{YB}	255, 217, 227
Decimal	16767459
CIE _{Lab}	90.00, 15.13, 0.15
CIE _{LCh}	90, 15.131, 0.554
Y _{xy}	76.3034, 0.3344, 0.3191
Android (android.graphics.Color)	4294957539 (0xFFFFD9E3)
YUV	229.5020, -1.2335, 22.3617
Hunter-Lab	87.3518, 10.5505, 4.8901

Details

The CIELCh color **90, 15.131, 0.554** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.193, 177.394**, 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 **70, 14.860, 359.326** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.339, 1.485**, and if you desaturate by 10%, it is **97, 4.905, 359.128**.

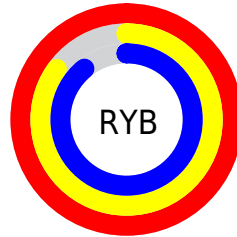
Distribution



Red (100%)

Green (85%)

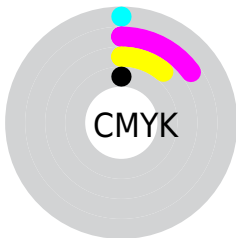
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

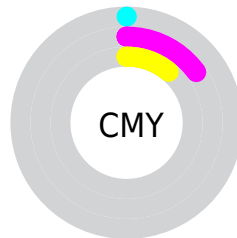


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)

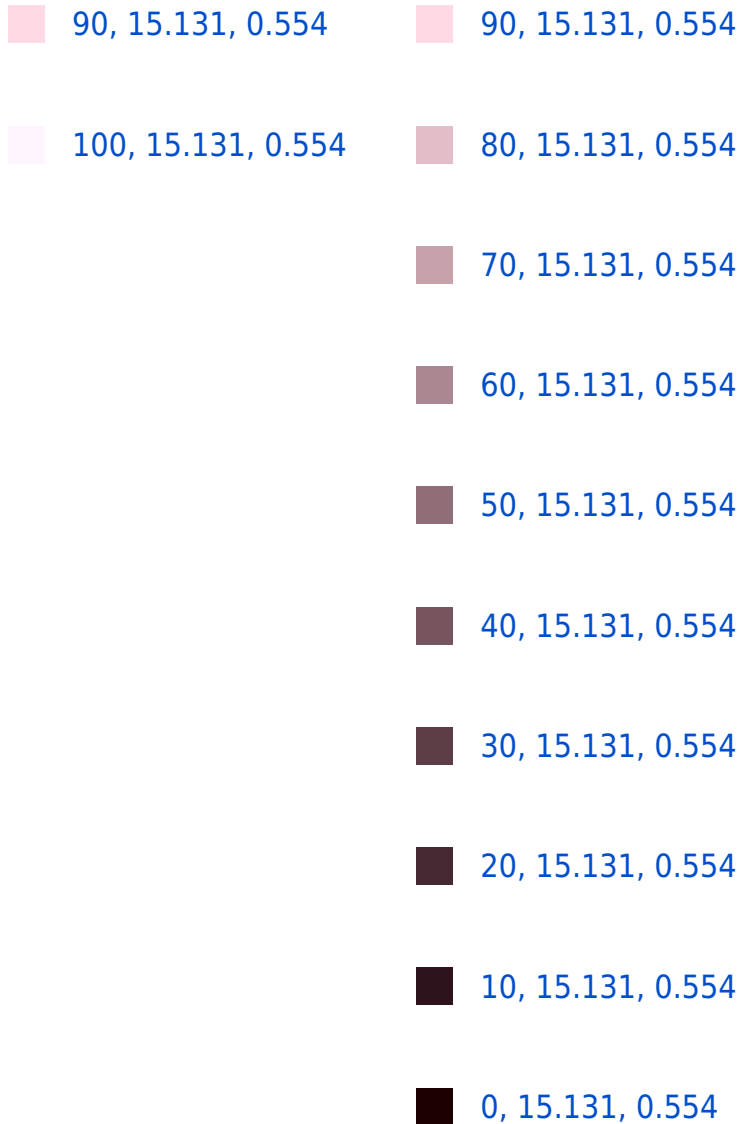
Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 15.131, 0.554 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 90, 15.131, 0.554 by changing the saturation by 10% instead.



90, 15.131, 0.554

90, 15.131, 0.554

83, 25.339, 1.485

97, 4.905, 359.128

77, 36.026, 2.949

100, 0.012,
296.813

72, 46.754, 4.730

66, 57.172, 6.945

62, 66.831, 9.743

58, 75.276, 13.297

56, 82.229, 17.747

54, 87.793, 23.076

54, 90.307, 25.839

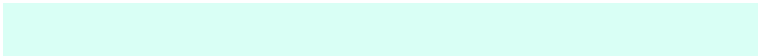
Harmonies

Complementary

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



90, 15.131, 0.554



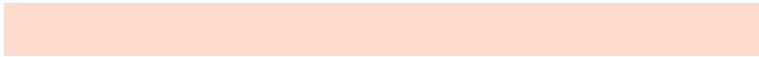
97, 14.193, 177.394

Rectangle

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



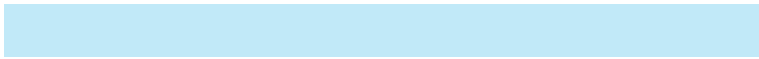
90, 15.131, 0.554



90, 15.131, 50.554



90, 15.131, 180.554



90, 15.131, 230.554

Sweetspot

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



90, 14.921, 0.249



97, 4.841, 359.120



90, 22.324, 317.418



51, 3.308, 359.203



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

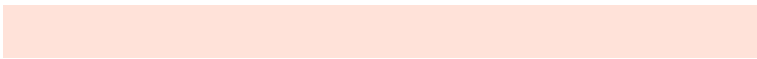
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.921, 0.249



88, 17.940, 0.593



92, 11.871, 42.864



50, 5.561, 359.627



40, 72.191, 24.756



10, 31.646, 15.366

Inverse Universe

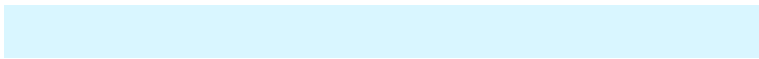
The Inverse Universe completely reimagines the original color for something new.



90, 14.921, 0.249



88, 17.940, 0.593



95, 10.797, 224.217



50, 5.561, 359.627



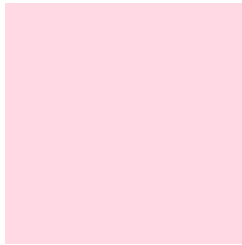
40, 72.191, 24.756



10, 31.646, 15.366

Previews

White Background



This preview shows how the CIELCh color 90, 15.131, 0.554 looks on a white background.

Color Contrast Check

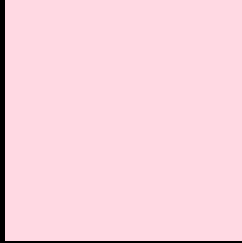
Large Text (above 18pt) WCAG AA × Fail

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 90, 15.131, 0.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

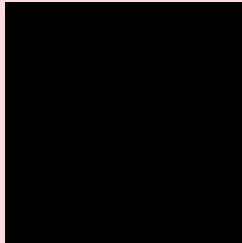
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 15.131, 0.554

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.131, 0.554.

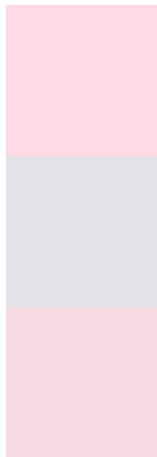


This preview shows how white text looks on a background with the CIELCh color 90, 15.131, 0.554.

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
90, 14.771, 0.021

Protanopia
90, 3.929, 311.610

Deuteranopia
90, 11.150, 1.240



Tritanopia
90, 16.348, 350.200

Trichromacy



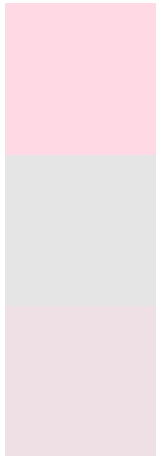
Original Color
90, 14.771, 0.021

Protanomaly
90, 7.112, 344.144

Deuteranomaly
90, 12.708, 1.326

Tritanomaly
90, 15.883, 353.466

Monochromacy



Original Color
90, 14.771, 0.021

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.462, 357.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.131, 0.554 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, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 227)  
}
```

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, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.131, 0.554 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, 217, 227) }
```

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

```
.border{ border-color:rgb(255, 217, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.131, 0.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 227) }
```

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

```
.background{ background-color: rgb(255,  
217, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor