

Converting Colors

CIELCh(90, 13.081, 13.952)

Have a look what the booklet for
CIELCh(90, 13.081, 13.952) contains.

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Color

CIELCh(90, 12.950, 13.454)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FDDADD |
| RGB | 253, 218, 221 |
| RGB Percent | 99%, 85%, 87% |
| CMY | 0.0075, 0.1448, 0.1330 |
| CMYK | 0.00, 0.14, 0.13, 0.01 |
| HSL | 355°, 90%, 92% |
| HSV | 355°, 14%, 99% |
| XYZ | 78.6884, 76.3034, 79.0396 |
| YIQ | 228.8070, 19.8970, 8.3530 |

Conversions

Conversions Part 2

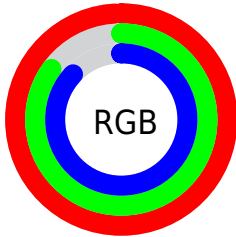
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 253, 218, 221 |
| Decimal | 16636637 |
| CIE Lab | 90.00, 12.59, 3.01 |
| CIE LCh | 90, 12.950, 13.454 |
| Yxy | 76.3034, 0.3362, 0.3260 |
| Android (android.graphics.Color) | 4294826717 (0xFFFDADD) |
| YUV | 228.8070, -3.8489, 21.2173 |
| Hunter-Lab | 87.3518, 7.9310, 7.4981 |

Details

The CIELCh color **90, 12.950, 13.454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.012, 191.337**, 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, 12.936, 13.330** is the 20% darker color. If you saturate the color by 10%, you get **83, 23.064, 14.578**, and if you desaturate by 10%, it is **97, 3.466, 12.439**.

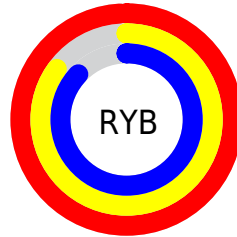
Distribution



Red (99%)

Green (85%)

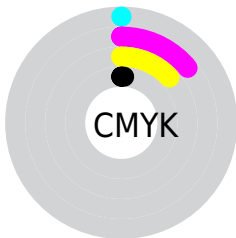
Blue (87%)



Red (99%)

Yellow (85%)

Blue (87%)

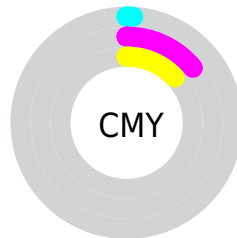


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 12.950, 13.454 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, 12.950, 13.454 by changing the saturation by 10% instead.

 90, 12.950, 13.454

 90, 12.950, 13.454

 100, 12.950,
13.454

 80, 12.950, 13.454

 70, 12.950, 13.454

 60, 12.950, 13.454

 50, 12.950, 13.454

 40, 12.950, 13.454

 30, 12.950, 13.454

 20, 12.950, 13.454

 10, 12.950, 13.454

 0, 12.950, 13.454

90, 12.950, 13.454

90, 12.950, 13.454

83, 23.064, 14.578

97, 3.466, 12.439

77, 33.764, 15.954

100, 0.668,
200.356

71, 44.913, 17.694

66, 56.272, 19.917

61, 67.496, 22.758

57, 78.190, 26.317

55, 87.967, 30.540

53, 96.312, 34.994

53, 100.392,
37.336

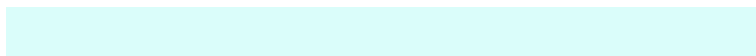
Harmonies

Complementary

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



90, 12.950, 13.454



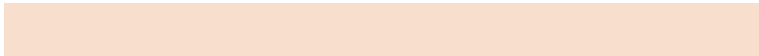
97, 12.012, 191.337

Rectangle

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



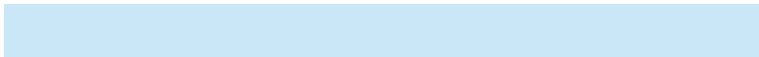
90, 12.950, 13.454



90, 12.950, 63.454



90, 12.950, 193.454



90, 12.950, 243.454

Sweetspot

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



90, 12.948, 13.463



97, 3.645, 12.461



91, 21.297, 322.379



51, 2.597, 12.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

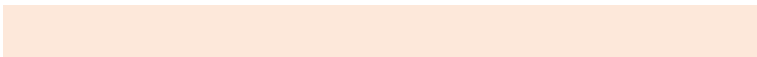
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 12.948, 13.463



88, 16.187, 13.795



93, 10.579, 62.431



50, 5.278, 13.034



40, 80.646, 36.653



10, 32.702, 23.712

Inverse Universe

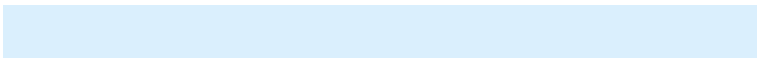
The Inverse Universe completely reimagines the original color for something new.



90, 12.948, 13.463



88, 16.187, 13.795



93, 9.984, 245.573



50, 5.278, 13.034



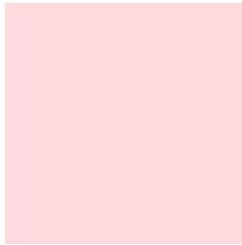
40, 80.646, 36.653



10, 32.702, 23.712

Previews

White Background



This preview shows how the CIELCh color 90, 12.950, 13.454 looks on a white background.

Color Contrast Check

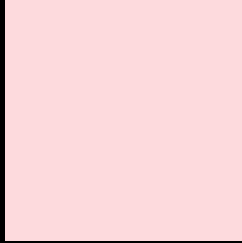
Large Text (above 18pt) WCAG AA × Fail

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, 12.950, 13.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

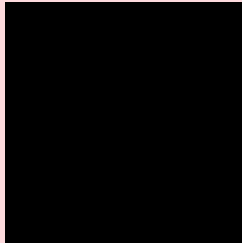
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

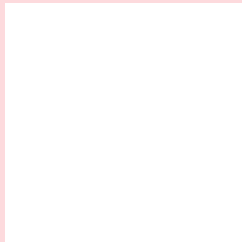
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 12.950, 13.454

Background



This preview shows how black text looks on a background with the CIELCh color 90, 12.950, 13.454.

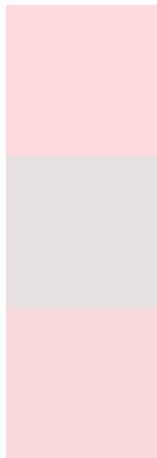


This preview shows how white text looks on a background with the CIELCh color 90, 12.950, 13.454.

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, 12.950, 13.454

Protanopia

90, 2.156, 19.277

Deuteranopia

90, 11.416, 15.002



Tritanopia
90, 16.600, 348.639

Trichromacy



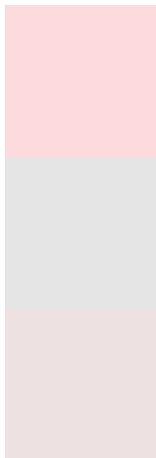
Original Color
90, 12.950, 13.454

Protanomaly
90, 6.251, 10.229

Deuteranomaly
90, 11.788, 15.197

Tritanomaly
90, 14.793, 355.699

Monochromacy



Original Color
90, 12.950, 13.454

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.722, 13.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 12.950, 13.454 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(253, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 221)  
}
```

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(253, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 12.950, 13.454 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(253, 218, 221) }
```

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

```
.border{ border-color:rgb(253, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 12.950, 13.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 221) }
```

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

```
.background{ background-color: rgb(253,  
218, 221) }
```

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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