

Converting Colors

CIELCh(100, 51.061, 33.137)

Have a look what the booklet for
CIELCh(100, 51.061, 33.137)
contains.

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Color

CIELCh(90, 15.958, 55.569)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCCA
RGB	254, 220, 202
RGB Percent	100%, 86%, 79%
CMY	0.0052, 0.1383, 0.2088
CMYK	0.00, 0.13, 0.20, 0.01
HSL	21°, 95%, 89%
HSV	21°, 20%, 99%
XYZ	76.9061, 76.3034, 66.3926
YIQ	228.1140, 26.0420, 1.6100

Conversions

Conversions Part 2

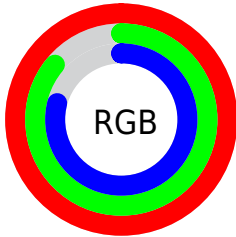
Format	Color
R _Y B	254, 230, 202
Decimal	16702666
CIE Lab	90.00, 9.02, 13.16
CIE LCh	90, 15.958, 55.569
Yxy	76.3034, 0.3502, 0.3475
Android (android.graphics.Color)	4294892746 (0xFFFECCA)
YUV	228.1140, -12.8742, 22.7020
Hunter-Lab	87.3518, 4.2890, 16.0823

Details

The CIELCh color **90, 15.958, 55.569** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.343, 239.547**, 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, 16.023, 55.348** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.637, 54.838**, and if you desaturate by 10%, it is **95, 7.876, 56.351**.

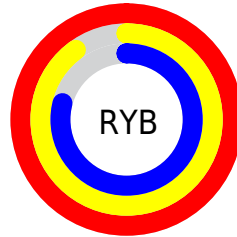
Distribution



Red (100%)

Green (86%)

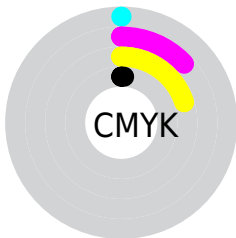
Blue (79%)



Red (100%)

Yellow (90%)

Blue (79%)

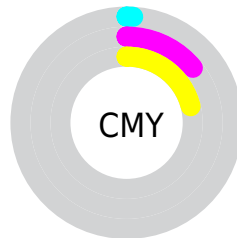


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 15.958, 55.569 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, 15.958, 55.569 by changing the saturation by 10% instead.

 90, 15.958, 55.569

 90, 15.958, 55.569

 100, 15.958,
55.569

 80, 15.958, 55.569

 70, 15.958, 55.569

 60, 15.958, 55.569

 50, 15.958, 55.569

 40, 15.958, 55.569

 30, 15.958, 55.569

 20, 15.958, 55.569

 10, 15.958, 55.569

 0, 15.958, 55.569

90, 15.958, 55.569

90, 15.958, 55.569

85, 24.637, 54.838

95, 7.876, 56.351

81, 33.953, 54.162

99, 0.338, 55.569

77, 43.910, 53.566

100, 0.459,
200.820

73, 54.446, 53.047

69, 65.352, 52.557

66, 76.120, 51.953

62, 85.668, 50.887

60, 92.476, 49.138

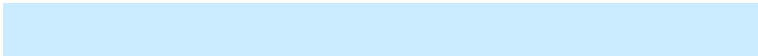
Harmonies

Complementary

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



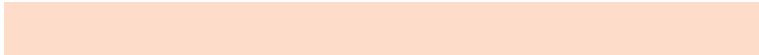
90, 15.958, 55.569



91, 14.343, 239.547

Rectangle

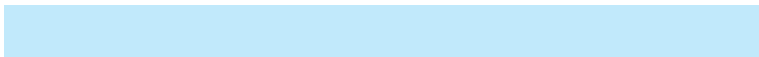
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 15.958, 55.569



90, 15.958, 105.569



90, 15.958, 235.569



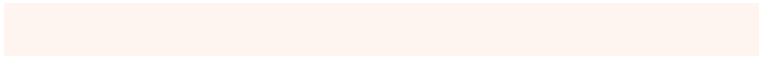
90, 15.958, 285.569

Sweetspot

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



90, 15.958, 55.580



97, 4.459, 56.669



87, 25.884, 337.164



52, 2.965, 56.627



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, 15.958, 55.580



88, 19.895, 55.237



96, 22.252, 100.014



51, 4.279, 56.424



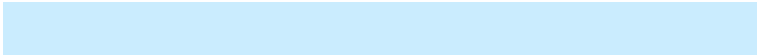
46, 74.317, 49.756



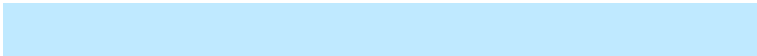
14, 27.988, 47.505

Inverse Universe

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



91, 14.343, 239.547



90, 17.412, 240.177



85, 22.887, 284.979



51, 4.088, 238.290



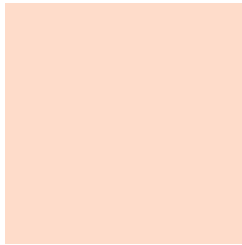
50, 42.800, 264.375



15, 18.302, 257.116

Previews

White Background



This preview shows how the CIE LCh color 90, 15.958, 55.569 looks on a white background.

Color Contrast Check

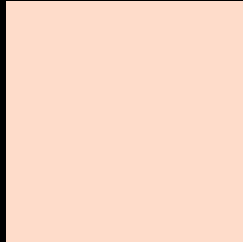
Large Text (above 18pt) WCAG AA × Fail

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 90, 15.958, 55.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

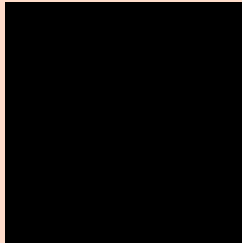
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 15.958, 55.569

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.958, 55.569.

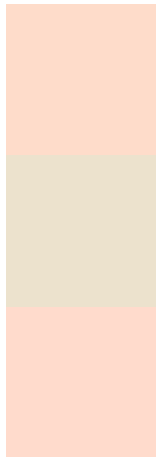


This preview shows how white text looks on a background with the CIELCh color 90, 15.958, 55.569.

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

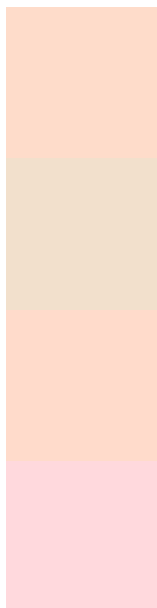


Original Color
90, 15.974, 55.564
Protanopia
90, 11.473, 90.312
Deuteranopia
90, 15.737, 49.591



Tritanopia
90, 16.348, 350.200

Trichromacy



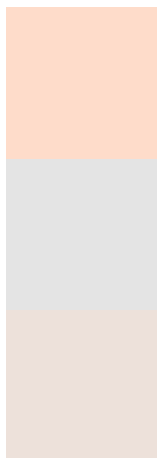
Original Color
90, 15.974, 55.564

Protanomaly
90, 12.363, 76.204

Deuteranomaly
90, 16.024, 51.128

Tritanomaly
90, 14.123, 12.018

Monochromacy



Original Color
90, 15.974, 55.564

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.668, 59.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.958, 55.569 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, 220, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 202)  
}
```

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, 220, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.958, 55.569 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, 220, 202) }
```

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

```
.border{ border-color:rgb(254, 220, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.958, 55.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 202) }
```

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

```
.background{ background-color: rgb(254,  
220, 202) }
```

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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