

# Converting Colors

CIELCh(92, 12.326, 54.905)

Have a look what the booklet for  
CIELCh(92, 12.326, 54.905) contains.

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# Color

**CIELCh(92, 12.401, 55.345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE3D5
RGB	254, 227, 213
RGB Percent	100%, 89%, 84%
CMY	0.0045, 0.1103, 0.1652
CMYK	0.00, 0.11, 0.16, 0.00
HSL	20°, 95%, 92%
HSV	20°, 16%, 100%
XYZ	80.2461, 80.7044, 74.2082
YIQ	233.4770, 20.5860, 1.3700

# Conversions

## Conversions Part 2

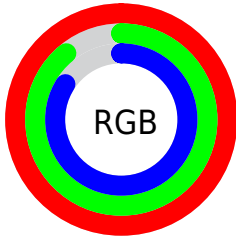
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 234, 213
Decimal	16704469
CIELab	92.00, 7.05, 10.20
CIELCh	92, 12.401, 55.345
Yxy	80.7044, 0.3412, 0.3432
Android (android.graphics.Color)	4294894549 (0xFFFE3D5)
YUV	233.4770, -10.0952, 17.9987
Hunter-Lab	89.8356, 2.2335, 13.9088

# Details

The CIELCh color **92, 12.401, 55.345** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.411, 238.393**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.524, 57.128** is the 20% darker color. If you saturate the color by 10%, you get **87, 20.828, 54.620**, and if you desaturate by 10%, it is **97, 4.555, 56.085**.

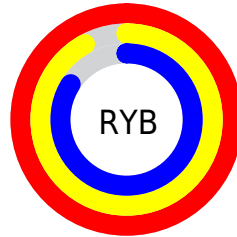
# Distribution



Red (100%)

Green (89%)

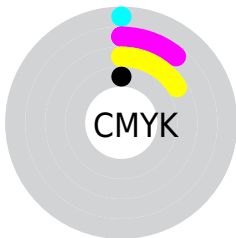
Blue (84%)



Red (100%)

Yellow (92%)

Blue (84%)

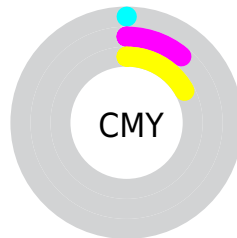


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (17%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 12.401, 55.345 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 92, 12.401, 55.345 by changing the saturation by 10% instead.



 92, 12.401, 55.345

 92, 12.401, 55.345

 100, 12.401,  
55.345

 82, 12.401, 55.345

 72, 12.401, 55.345

 62, 12.401, 55.345

 52, 12.401, 55.345

 42, 12.401, 55.345

 32, 12.401, 55.345

 22, 12.401, 55.345

 12, 12.401, 55.345

 2, 12.401, 55.345

92, 12.401, 55.345

92, 12.401, 55.345

87, 20.828, 54.620

97, 4.555, 56.085

83, 29.882, 53.937

100, 0.396,  
201.055

79, 39.589, 53.333

74, 49.920, 52.814

70, 60.744, 52.359

67, 71.710, 51.874

64, 82.020, 51.114

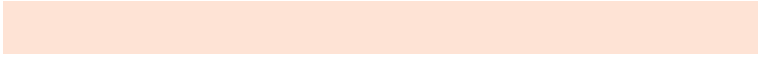
61, 90.185, 49.581

60, 92.773, 48.879

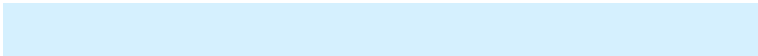
# Harmonies

# Complementary

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



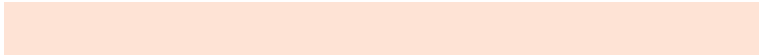
92, 12.401, 55.345



93, 11.411, 238.393

# Rectangle

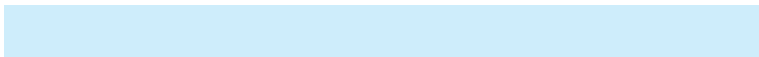
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 12.401, 55.345



92, 12.401, 105.345



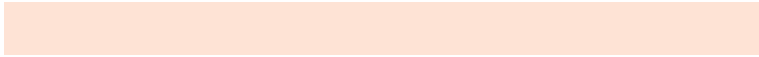
92, 12.401, 235.345



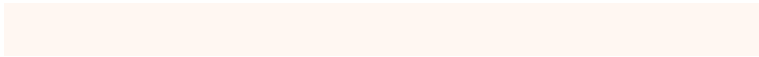
92, 12.401, 285.345

# Sweetspot

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



92, 12.401, 55.359



98, 3.701, 56.150



89, 20.384, 336.822



52, 2.532, 56.112



0, 0.000, 0.000

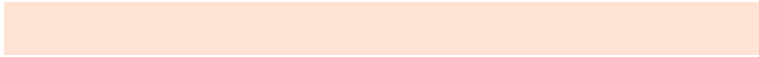


53, 0.007, 296.813

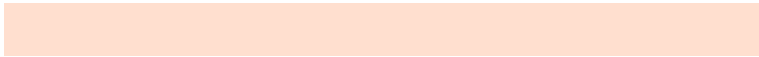


# Same Dimension

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



92, 12.401, 55.359



91, 14.796, 55.144



97, 17.548, 100.511



51, 4.278, 55.856



46, 74.511, 49.493



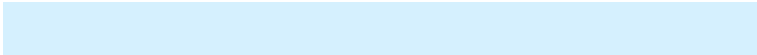
14, 28.042, 47.114



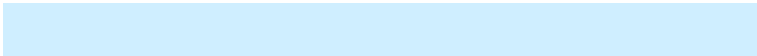


# Inverse Universe

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



93, 11.411, 238.393



93, 13.394, 238.738



88, 17.939, 284.350



51, 4.084, 237.689



50, 42.427, 263.597

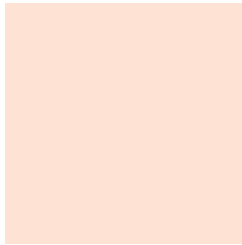


16, 18.180, 256.347



# Previews

## White Background



This preview shows how the CIE LCh color 92, 12.401, 55.345 looks on a white background.

## Color Contrast Check

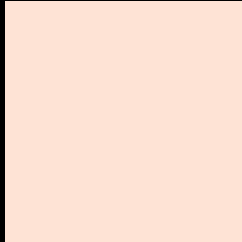
Large Text (above 18pt) WCAG AA × Fail

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 92, 12.401, 55.345 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

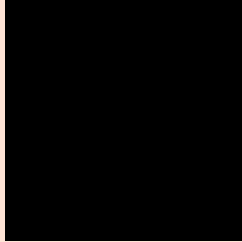
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

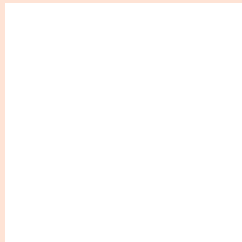
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 92, 12.401, 55.345

## Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.401, 55.345.

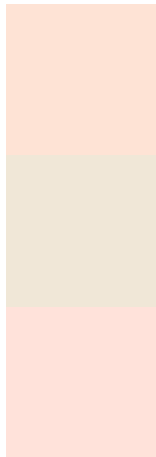


This preview shows how white text looks on a background with the CIELCh color 92, 12.401, 55.345.

# 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

92, 12.401, 55.345

### Protanopia

92, 8.868, 87.584

### Deuteranopia

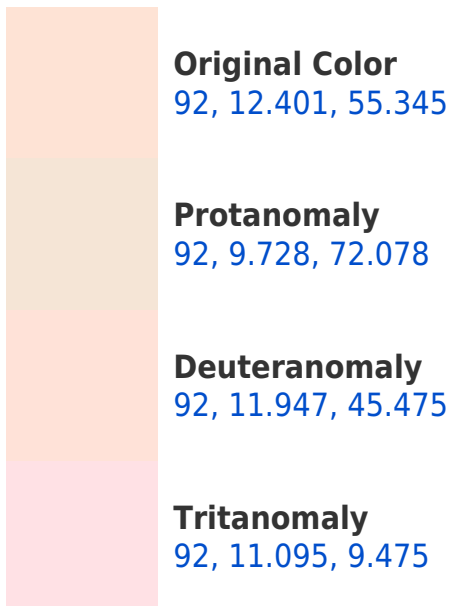
92, 11.502, 40.963



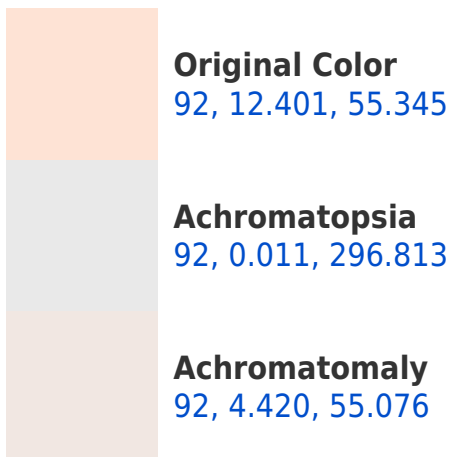
**Tritanopia**  
92, 13.547, 345.549



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 12.401, 55.345 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, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 213)  
}
```

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, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 213) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 12.401, 55.345 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, 227, 213) }
```

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

```
.border{ border-color:rgb(254, 227, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
213) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 12.401, 55.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 213) }
```

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

```
.background{ background-color: rgb(254,  
227, 213) }
```

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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