

Converting Colors

CIELCh(100, 42.384, 25.505)

Have a look what the booklet for
CIELCh(100, 42.384, 25.505)
contains.

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Color

CIELCh(92, 10.985, 33.578)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DD
RGB	255, 226, 221
RGB Percent	100%, 89%, 87%
CMY	0.0009, 0.1145, 0.1342
CMYK	0.00, 0.11, 0.13, 0.00
HSL	9°, 99%, 93%
HSV	9°, 13%, 100%
XYZ	81.3208, 80.7044, 79.5497
YIQ	234.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

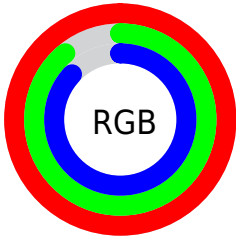
Format	Color
R _Y B	255, 227, 221
Decimal	16769757
CIE Lab	92.00, 9.15, 6.08
CIE LCh	92, 10.985, 33.578
Yxy	80.7044, 0.3366, 0.3341
Android (android.graphics.Color)	4294959837 (0xFFFFE2DD)
YUV	234.1010, -6.4588, 18.3284
Hunter-Lab	89.8356, 4.3690, 10.3835

Details

The CIELCh color **92, 10.985, 33.578** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.054, 213.688**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.890, 34.568** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.046, 33.853**, and if you desaturate by 10%, it is **98, 2.638, 33.304**.

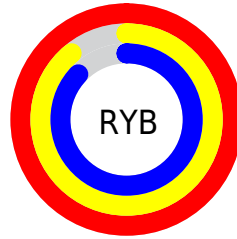
Distribution



Red (100%)

Green (89%)

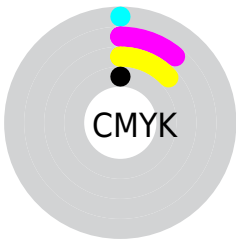
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

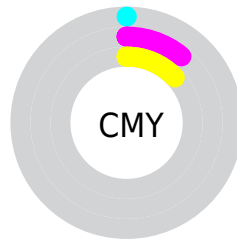


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.985, 33.578 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, 10.985, 33.578 by changing the saturation by 10% instead.

 92, 10.985, 33.578

 92, 10.985, 33.578

 100, 10.985,
33.578

 82, 10.985, 33.578

 72, 10.985, 33.578

 62, 10.985, 33.578

 52, 10.985, 33.578

 42, 10.985, 33.578

 32, 10.985, 33.578

 22, 10.985, 33.578

 12, 10.985, 33.578

 2, 10.985, 33.578

92, 10.985, 33.578

92, 10.985, 33.578

86, 20.046, 33.853

98, 2.638, 33.304

81, 29.869, 34.277

100, 0.075,
208.232

75, 40.461, 34.926

70, 51.769, 35.855

66, 63.643, 37.102

62, 75.762, 38.644

58, 87.438, 40.284

56, 97.149, 41.439

55, 101.711,
41.731

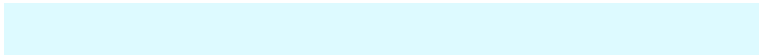
Harmonies

Complementary

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



92, 10.985, 33.578



96, 10.054, 213.688

Rectangle

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



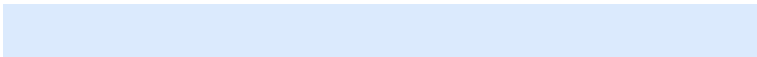
92, 10.985, 33.578



92, 10.985, 83.578



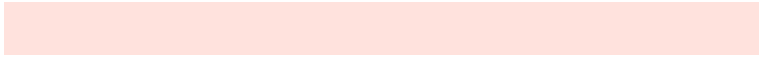
92, 10.985, 213.578



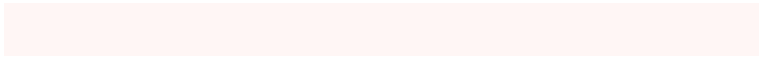
92, 10.985, 263.578

Sweetspot

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



92, 10.984, 33.592



98, 3.169, 33.349



92, 19.418, 329.087



52, 2.259, 33.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

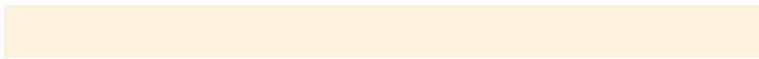
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.984, 33.592



91, 13.330, 33.650



96, 11.896, 86.637



50, 4.609, 33.515



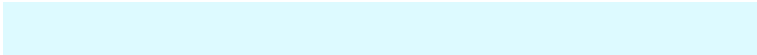
41, 81.592, 42.047



11, 30.749, 34.401

Inverse Universe

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



96, 10.054, 213.688



96, 11.971, 213.719



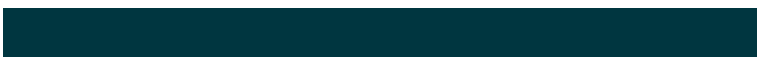
92, 11.808, 270.236



52, 4.333, 213.670



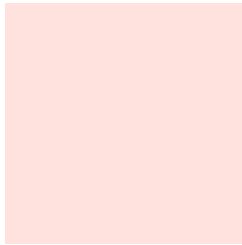
62, 35.123, 224.132



20, 16.248, 220.346

Previews

White Background



This preview shows how the CIELCh color 92, 10.985, 33.578 looks on a white background.

Color Contrast Check

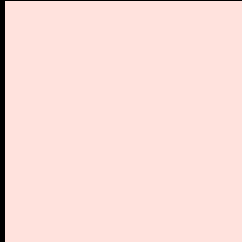
Large Text (above 18pt) WCAG AA × Fail

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 92, 10.985, 33.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

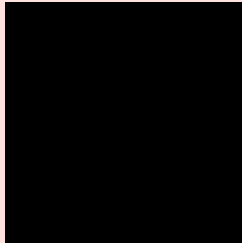
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

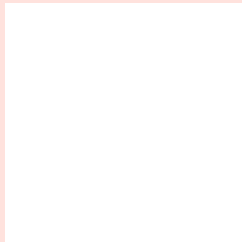
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.985, 33.578

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.985, 33.578.

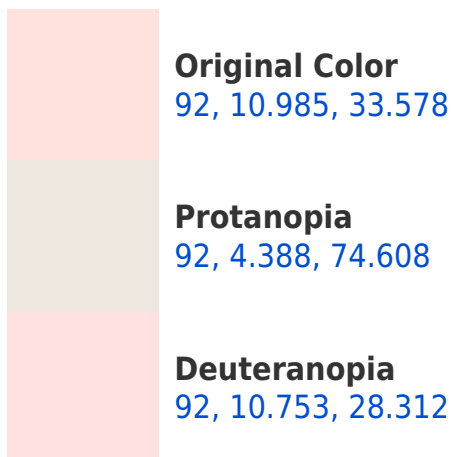


This preview shows how white text looks on a background with the CIELCh color 92, 10.985, 33.578.

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](#).

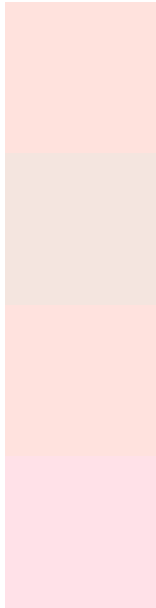
Dichromacy





Tritanopia
92, 13.547, 345.549

Trichromacy



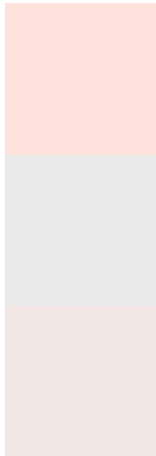
Original Color
92, 10.985, 33.578

Protanomaly
92, 6.262, 49.186

Deuteranomaly
92, 10.857, 30.973

Tritanomaly
92, 11.439, 1.841

Monochromacy



Original Color
92, 10.985, 33.578

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 4.082, 34.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.985, 33.578 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, 226, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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(255, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.985, 33.578 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, 226, 221) }
```

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

```
.border{ border-color:rgb(255, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.985, 33.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 221) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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