

Converting Colors

CIELCh(92, 10.848, 29.538)

Have a look what the booklet for
CIELCh(92, 10.848, 29.538) contains.

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Color

CIELCh(92, 10.857, 30.973)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DE
RGB	255, 226, 222
RGB Percent	100%, 89%, 87%
CMY	0.0011, 0.1148, 0.1305
CMYK	0.00, 0.11, 0.13, 0.00
HSL	7°, 98%, 93%
HSV	7°, 13%, 100%
XYZ	81.4015, 80.7044, 80.1981
YIQ	234.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

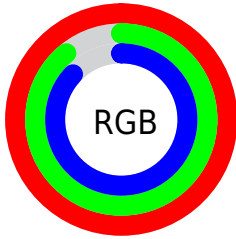
Format	Color
R _Y B	255, 227, 222
Decimal	16769758
CIE Lab	92.00, 9.31, 5.59
CIE LCh	92, 10.857, 30.973
Yxy	80.7044, 0.3359, 0.3331
Android (android.graphics.Color)	4294959838 (0xFFFFE2DE)
YUV	234.2150, -6.0220, 18.2284
Hunter-Lab	89.8356, 4.5293, 9.9556

Details

The CIELCh color **92, 10.857, 30.973** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 9.960, 210.777**, 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, 10.742, 31.823** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.065, 31.374**, and if you desaturate by 10%, it is **98, 2.373, 30.556**.

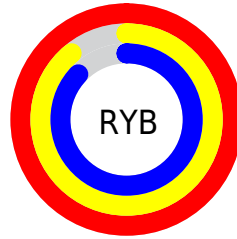
Distribution



Red (100%)

Green (89%)

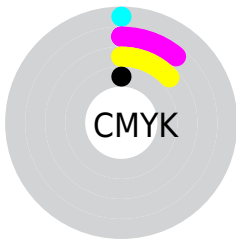
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

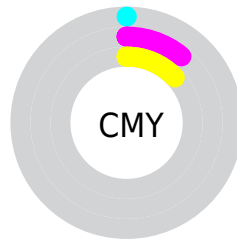


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.857, 30.973 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, 10.857, 30.973 by changing the saturation by 10% instead.

 92, 10.857, 30.973

 92, 10.857, 30.973

 100, 10.857,
30.973

 82, 10.857, 30.973

 72, 10.857, 30.973

 62, 10.857, 30.973

 52, 10.857, 30.973

 42, 10.857, 30.973

 32, 10.857, 30.973

 22, 10.857, 30.973

 12, 10.857, 30.973

 2, 10.857, 30.973

92, 10.857, 30.973

92, 10.857, 30.973

86, 20.065, 31.374

98, 2.373, 30.556

80, 30.039, 31.938

100, 0.099,
206.086

75, 40.777, 32.748

70, 52.213, 33.868

65, 64.179, 35.345

61, 76.343, 37.169

58, 88.029, 39.152

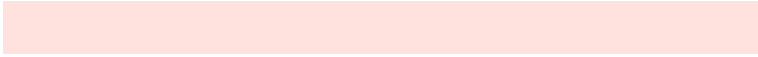
55, 97.738, 40.698

54, 102.442,
41.244

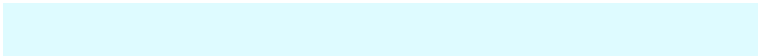
Harmonies

Complementary

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



92, 10.857, 30.973



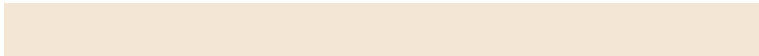
97, 9.960, 210.777

Rectangle

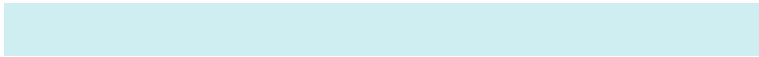
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



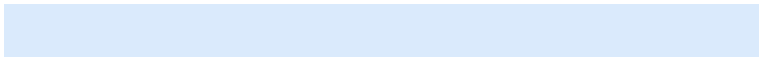
92, 10.857, 30.973



92, 10.857, 80.973



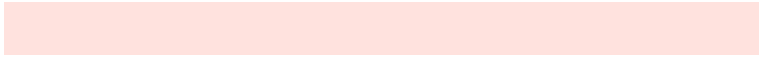
92, 10.857, 210.973



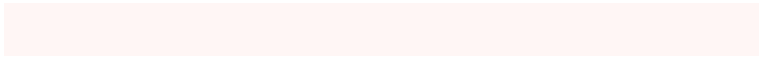
92, 10.857, 260.973

Sweetspot

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



92, 10.856, 30.987



98, 3.232, 30.647



92, 19.063, 328.531



52, 2.304, 30.693



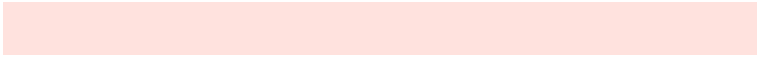
0, 0.000, 0.000



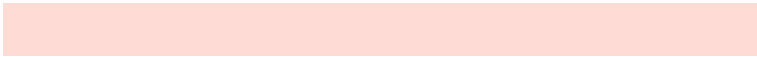
53, 0.007, 296.813

Same Dimension

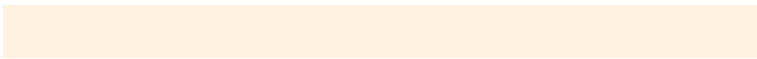
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.856, 30.987



90, 13.596, 31.091



96, 11.366, 85.228



50, 4.701, 30.876



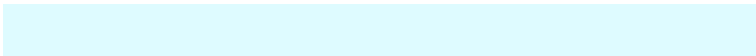
41, 82.243, 41.514



11, 31.143, 33.127

Inverse Universe

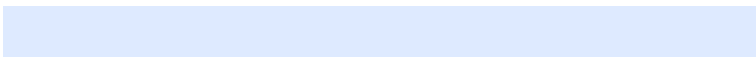
The Inverse Universe completely reimagines the original color for something new.



97, 9.960, 210.777



96, 12.204, 210.771



92, 11.254, 268.739



52, 4.418, 210.806



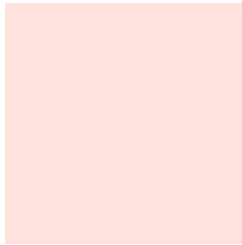
63, 35.455, 218.629



21, 16.455, 215.612

Previews

White Background



This preview shows how the CIELCh color 92, 10.857, 30.973 looks on a white background.

Color Contrast Check

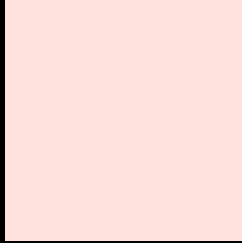
Large Text (above 18pt) WCAG AA × Fail

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, 10.857, 30.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

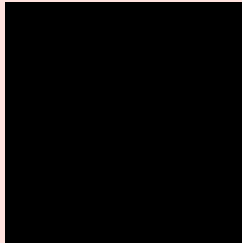
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

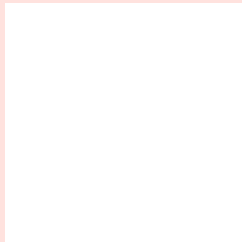
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.857, 30.973

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.857, 30.973.

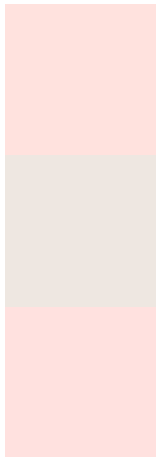


This preview shows how white text looks on a background with the CIELCh color 92, 10.857, 30.973.

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, 10.857, 30.973

Protanopia

92, 3.974, 70.392

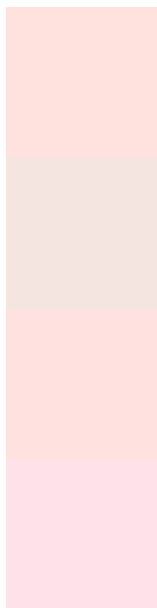
Deuteranopia

92, 11.055, 25.446



Tritanopia
92, 13.838, 343.782

Trichromacy



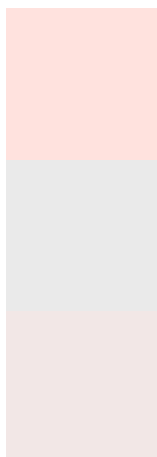
Original Color
92, 10.857, 30.973

Protanomaly
92, 6.018, 44.963

Deuteranomaly
92, 11.055, 25.446

Tritanomaly
92, 11.599, 359.416

Monochromacy



Original Color
92, 10.857, 30.973

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.982, 26.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.857, 30.973 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.857, 30.973 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, 222) }
```

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

```
.border{ border-color:rgb(255, 226, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 222); box-shadow:4px 4px 4px 4px rgb(255, 226, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.857, 30.973 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
226, 222) }
```

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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