

Converting Colors

CIELCh(96, 28.175, 26.096)

Have a look what the booklet for
CIELCh(96, 28.175, 26.096) contains.

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Color

CIELCh(92, 11.236, 30.637)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1DD
RGB	255, 225, 221
RGB Percent	100%, 88%, 87%
CMY	0.0000, 0.1158, 0.1315
CMYK	0.00, 0.12, 0.13, 0.00
HSL	7°, 100%, 93%
HSV	7°, 13%, 100%
XYZ	81.5861, 80.7044, 80.0138
YIQ	233.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

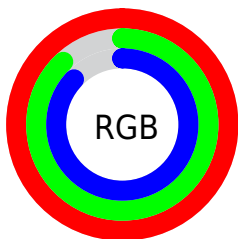
Format	Color
R _Y B	255, 226, 221
Decimal	16769501
CIE Lab	92.00, 9.67, 5.73
CIE LCh	92, 11.236, 30.637
Yxy	80.7044, 0.3367, 0.3331
Android (android.graphics.Color)	4294959581 (0xFFFFE1DD)
YUV	233.5140, -6.1694, 18.8432
Hunter-Lab	89.8356, 4.8961, 10.0772

Details

The CIELCh color **92, 11.236, 30.637** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 10.129, 210.573**, 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, 11.147, 31.444** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.301, 31.211**, and if you desaturate by 10%, it is **98, 2.538, 30.387**.

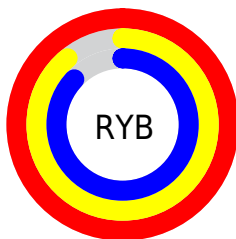
Distribution



Red (100%)

Green (88%)

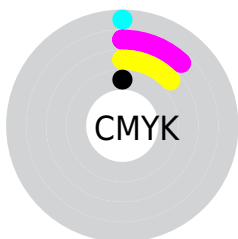
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

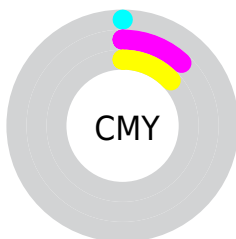


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.236, 30.637 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, 11.236, 30.637 by changing the saturation by 10% instead.

 92, 11.236, 30.637

 92, 11.236, 30.637

 100, 11.236,
30.637

 82, 11.236, 30.637

 72, 11.236, 30.637

 62, 11.236, 30.637

 52, 11.236, 30.637

 42, 11.236, 30.637

 32, 11.236, 30.637

 22, 11.236, 30.637

 12, 11.236, 30.637

 2, 11.236, 30.637

92, 11.236, 30.637

92, 11.236, 30.637

86, 20.301, 31.211

98, 2.538, 30.387

80, 30.313, 31.790

100, 0.012,
296.813

75, 41.089, 32.618

70, 52.558, 33.758

65, 64.551, 35.260

61, 76.727, 37.111

58, 88.398, 39.117

55, 98.042, 40.670

54, 102.580,
41.212

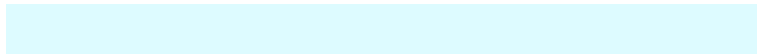
Harmonies

Complementary

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



92, 11.236, 30.637



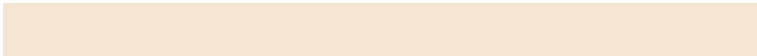
97, 10.129, 210.573

Rectangle

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



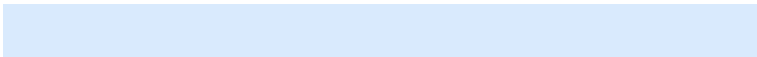
92, 11.236, 30.637



92, 11.236, 80.637



92, 11.236, 210.637



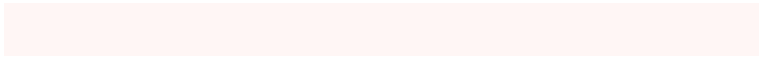
92, 11.236, 260.637

Sweetspot

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



92, 11.055, 30.812



98, 3.237, 30.458



92, 19.370, 328.543



52, 2.308, 30.504



0, 0.000, 0.000



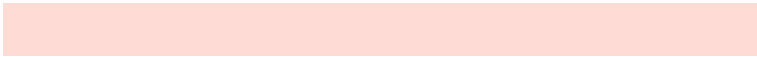
53, 0.007, 296.813

Same Dimension

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



92, 11.055, 30.812



90, 13.616, 30.912



96, 11.552, 85.203



50, 4.708, 30.691



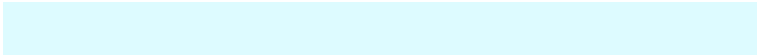
41, 82.286, 41.480



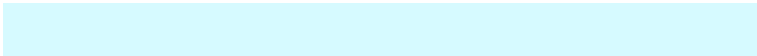
11, 31.172, 33.036

Inverse Universe

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



97, 10.129, 210.573



96, 12.222, 210.565



92, 11.435, 268.768



52, 4.425, 210.606



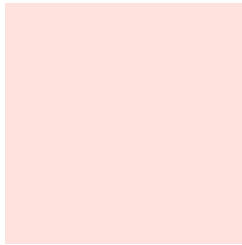
63, 35.490, 218.243



21, 16.474, 215.281

Previews

White Background



This preview shows how the CIELCh color 92, 11.236, 30.637 looks on a white background.

Color Contrast Check

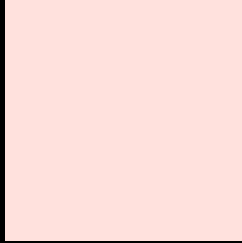
Large Text (above 18pt) WCAG AA × Fail

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, 11.236, 30.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

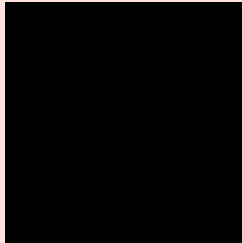
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

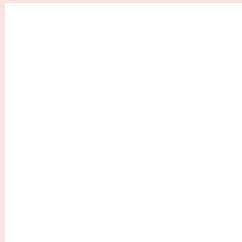
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.236, 30.637

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.236, 30.637.

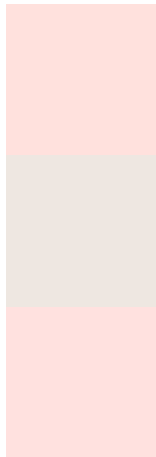


This preview shows how white text looks on a background with the CIELCh color 92, 11.236, 30.637.

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, 11.236, 30.637

Protanopia

92, 3.974, 70.392

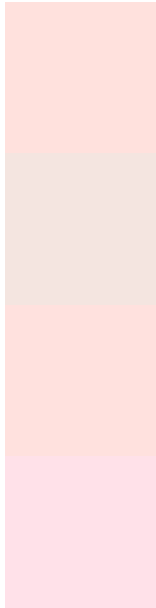
Deuteranopia

92, 11.055, 25.446



Tritanopia
92, 13.547, 345.549

Trichromacy



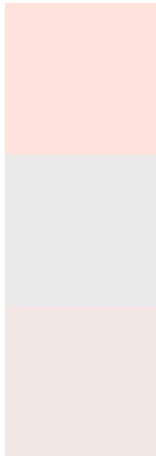
Original Color
92, 11.236, 30.637

Protanomaly
92, 6.018, 44.963

Deuteranomaly
92, 11.134, 28.063

Tritanomaly
92, 11.599, 359.416

Monochromacy



Original Color
92, 11.236, 30.637

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, 11.236, 30.637 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, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.236, 30.637 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, 225, 221) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.236, 30.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 221) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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