

Converting Colors

CIELCh(92, 11.638, 32.748)

Have a look what the booklet for
CIELCh(92, 11.638, 32.748) contains.

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Color

CIELCh(92, 11.362, 33.158)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DD
RGB	255, 226, 221
RGB Percent	100%, 89%, 87%
CMY	0.0000, 0.1155, 0.1351
CMYK	0.00, 0.12, 0.14, 0.00
HSL	9°, 100%, 93%
HSV	9°, 14%, 100%
XYZ	81.5059, 80.7044, 79.3657
YIQ	234.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

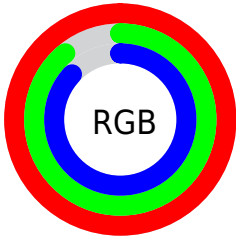
Format	Color
R _Y B	255, 227, 221
Decimal	16769757
CIE Lab	92.00, 9.51, 6.21
CIE LCh	92, 11.362, 33.158
Yxy	80.7044, 0.3374, 0.3341
Android (android.graphics.Color)	4294959837 (0xFFFFE2DD)
YUV	234.1010, -6.4588, 18.3284
Hunter-Lab	89.8356, 4.7368, 10.5049

Details

The CIELCh color **92, 11.362, 33.158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.200, 213.472**, 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, 20.251, 33.675**, and if you desaturate by 10%, it is **98, 2.782, 33.115**.

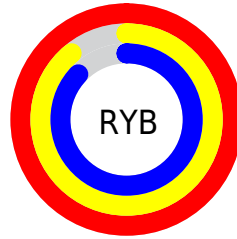
Distribution



Red (100%)

Green (89%)

Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

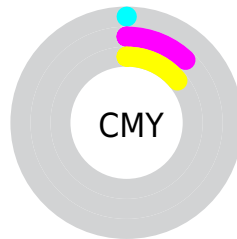


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.362, 33.158 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, 11.362, 33.158 by changing the saturation by 10% instead.

 92, 11.362, 33.158

 92, 11.362, 33.158

 100, 11.362,
33.158

 82, 11.362, 33.158

 72, 11.362, 33.158

 62, 11.362, 33.158

 52, 11.362, 33.158

 42, 11.362, 33.158

 32, 11.362, 33.158

 22, 11.362, 33.158

 12, 11.362, 33.158

 2, 11.362, 33.158

92, 11.362, 33.158

92, 11.362, 33.158

86, 20.251, 33.675

98, 2.782, 33.115

81, 30.107, 34.114

100, 0.012,
296.813

75, 40.732, 34.780

70, 52.071, 35.730

65, 63.970, 37.000

61, 76.101, 38.567

58, 87.766, 40.231

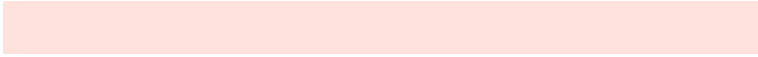
56, 97.420, 41.394

55, 101.837,
41.691

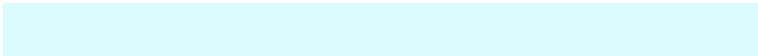
Harmonies

Complementary

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



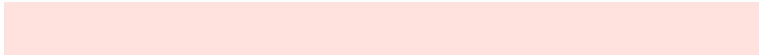
92, 11.362, 33.158



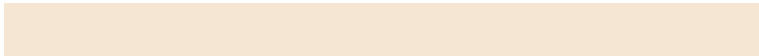
96, 10.200, 213.472

Rectangle

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



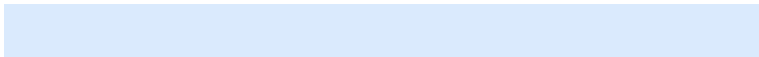
92, 11.362, 33.158



92, 11.362, 83.158



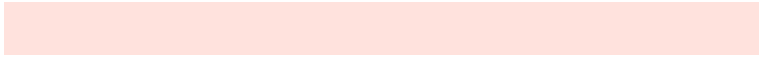
92, 11.362, 213.158



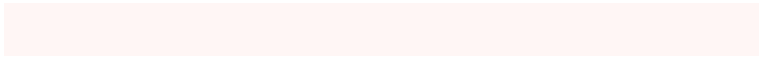
92, 11.362, 263.158

Sweetspot

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



92, 11.157, 33.402



98, 3.173, 33.147



92, 19.683, 329.098



52, 2.262, 33.185



0, 0.000, 0.000



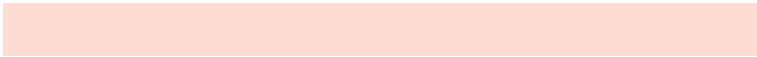
53, 0.007, 296.813

Same Dimension

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



92, 11.157, 33.402



90, 13.348, 33.458



96, 12.061, 86.614



50, 4.615, 33.318



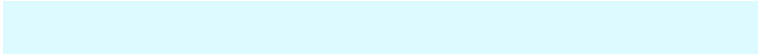
41, 81.643, 42.004



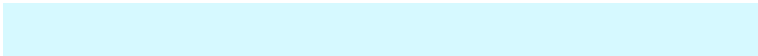
11, 30.777, 34.308

Inverse Universe

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



96, 10.200, 213.472



96, 11.987, 213.498



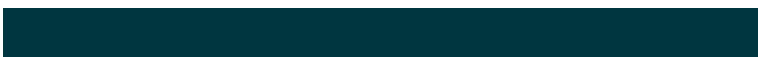
92, 11.969, 270.262



52, 4.339, 213.456



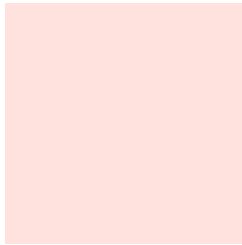
62, 35.137, 223.723



20, 16.260, 219.994

Previews

White Background



This preview shows how the CIELCh color 92, 11.362, 33.158 looks on a white background.

Color Contrast Check

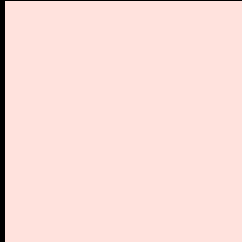
Large Text (above 18pt) WCAG AA × Fail

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, 11.362, 33.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

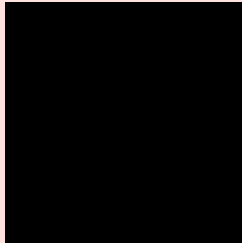
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

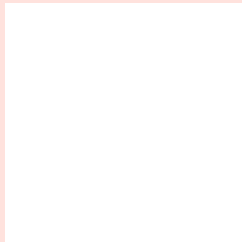
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.362, 33.158

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.362, 33.158.

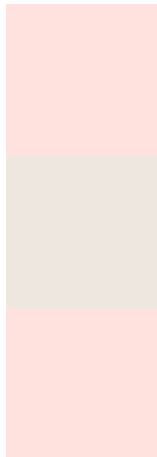


This preview shows how white text looks on a background with the CIELCh color 92, 11.362, 33.158.

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, 10.985, 33.578

Protanopia

92, 4.388, 74.608

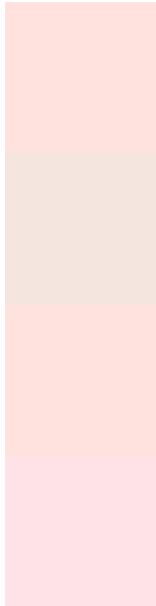
Deuteranopia

92, 11.134, 28.063



Tritanopia
92, 13.547, 345.549

Trichromacy



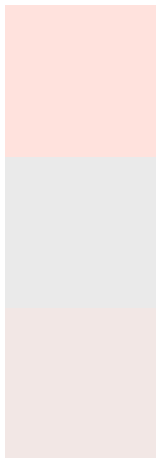
Original Color
92, 10.985, 33.578

Protanomaly
92, 6.262, 49.186

Deuteranomaly
92, 11.236, 30.637

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, 11.362, 33.158 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, 11.362, 33.158 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, 11.362, 33.158 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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