

Converting Colors

CIELCh(92, 13.098, 35.965)

Have a look what the booklet for
CIELCh(92, 13.098, 35.965) contains.

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Color

CIELCh(92, 11.678, 38.011)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DB
RGB	255, 226, 219
RGB Percent	100%, 89%, 86%
CMY	0.0000, 0.1150, 0.1425
CMYK	0.00, 0.11, 0.14, 0.00
HSL	12°, 100%, 93%
HSV	12°, 14%, 100%
XYZ	81.3460, 80.7044, 78.0803
YIQ	233.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

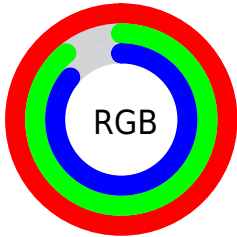
Format	Color
R _Y B	255, 228, 219
Decimal	16769755
CIE Lab	92.00, 9.20, 7.19
CIE LCh	92, 11.678, 38.011
Yxy	80.7044, 0.3388, 0.3361
Android (android.graphics.Color)	4294959835 (0xFFFFE2DB)
YUV	233.8730, -7.3324, 18.5284
Hunter-Lab	89.8356, 4.4190, 11.3533

Details

The CIELCh color **92, 11.678, 38.011** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.416, 219.133**, 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, 11.259, 39.806** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.286, 38.443**, and if you desaturate by 10%, it is **98, 3.267, 38.387**.

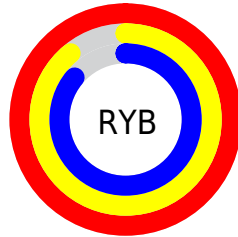
Distribution



Red (100%)

Green (89%)

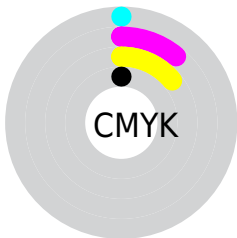
Blue (86%)



Red (100%)

Yellow (89%)

Blue (86%)

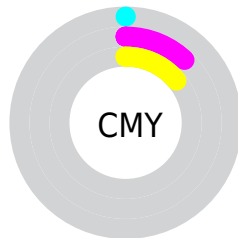


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.678, 38.011 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, 11.678, 38.011 by changing the saturation by 10% instead.

 92, 11.678, 38.011

 92, 11.678, 38.011

 100, 11.678,
38.011

 82, 11.678, 38.011

 72, 11.678, 38.011

 62, 11.678, 38.011

 52, 11.678, 38.011

 42, 11.678, 38.011

 32, 11.678, 38.011

 22, 11.678, 38.011

 12, 11.678, 38.011

 2, 11.678, 38.011

92, 11.678, 38.011

92, 11.678, 38.011

86, 20.286, 38.443

98, 3.267, 38.387

81, 29.891, 38.611

100, 0.012,
296.813

76, 40.261, 38.969

71, 51.362, 39.557

67, 63.062, 40.396

63, 75.042, 41.440

59, 86.584, 42.475

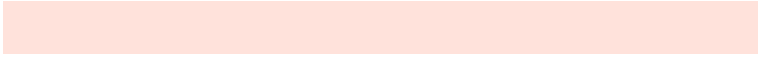
57, 96.111, 42.922

56, 100.160,
42.834

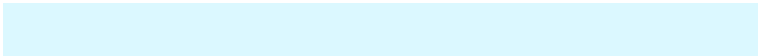
Harmonies

Complementary

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



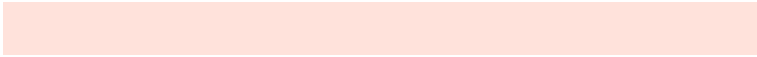
92, 11.678, 38.011



96, 10.416, 219.133

Rectangle

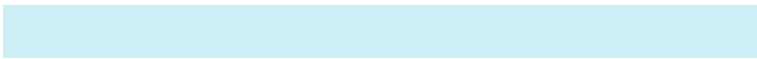
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



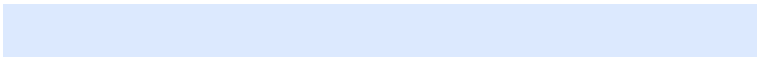
92, 11.678, 38.011



92, 11.678, 88.011



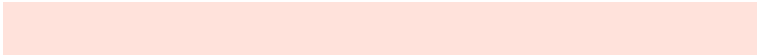
92, 11.678, 218.011



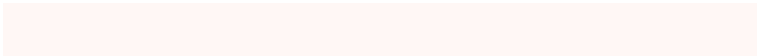
92, 11.678, 268.011

Sweetspot

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



92, 11.428, 38.415



98, 3.074, 38.378



91, 20.042, 330.824



52, 2.192, 38.400



0, 0.000, 0.000



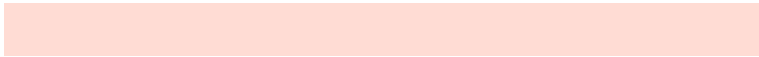
53, 0.007, 296.813

Same Dimension

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



92, 11.428, 38.415



90, 13.795, 38.412



96, 13.343, 90.629



50, 4.471, 38.426



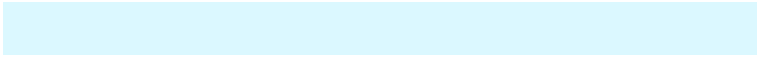
42, 80.227, 43.231



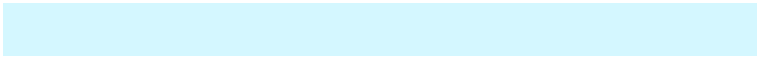
12, 30.084, 36.771

Inverse Universe

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



96, 10.416, 219.133



95, 12.330, 219.239



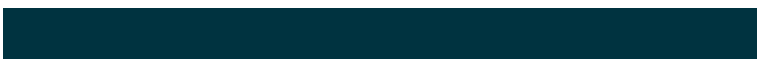
91, 13.347, 274.391



52, 4.210, 218.994



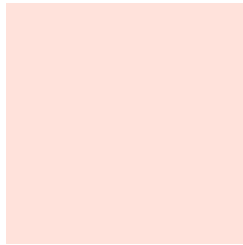
59, 35.283, 234.123



19, 16.138, 229.037

Previews

White Background



This preview shows how the CIE LCh color 92, 11.678, 38.011 looks on a white background.

Color Contrast Check

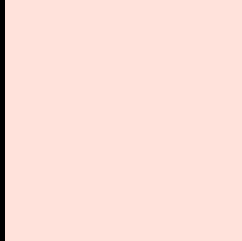
Large Text (above 18pt) WCAG AA × Fail

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, 11.678, 38.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

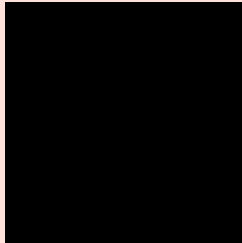
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

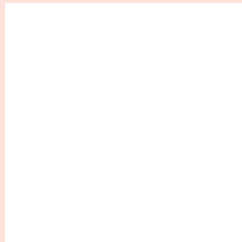
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.678, 38.011

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.678, 38.011.

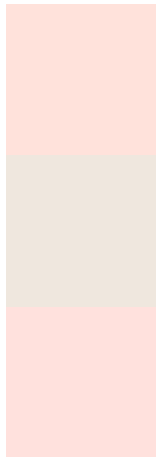


This preview shows how white text looks on a background with the CIELCh color 92, 11.678, 38.011.

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, 11.308, 38.579

Protanopia

92, 5.453, 77.577

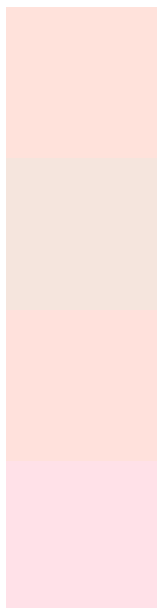
Deuteranopia

92, 11.236, 30.637



Tritanopia
92, 13.547, 345.549

Trichromacy



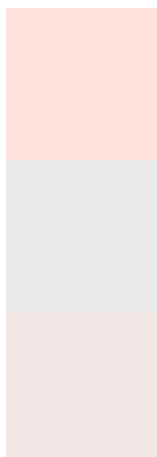
Original Color
92, 11.308, 38.579

Protanomaly
92, 7.143, 54.843

Deuteranomaly
92, 11.362, 33.158

Tritanomaly
92, 11.439, 1.841

Monochromacy



Original Color
92, 11.308, 38.579

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 4.244, 40.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.678, 38.011 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.678, 38.011 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, 219) }
```

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

```
.border{ border-color:rgb(255, 226, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.678, 38.011 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
226, 219) }
```

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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