

Converting Colors

CIELCh(92, 11.018, 36.478)

Have a look what the booklet for
CIELCh(92, 11.018, 36.478) contains.

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Color

CIELCh(92, 11.136, 36.115)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFE2DC |
| RGB | 255, 226, 220 |
| RGB Percent | 100%, 89%, 86% |
| CMY | 0.0006, 0.1143, 0.1378 |
| CMYK | 0.00, 0.11, 0.14, 0.00 |
| HSL | 10°, 99%, 93% |
| HSV | 10°, 14%, 100% |
| XYZ | 81.2407, 80.7044, 78.9047 |
| YIQ | 233.9870, 19.2100, 4.2820 |

Conversions

Conversions Part 2

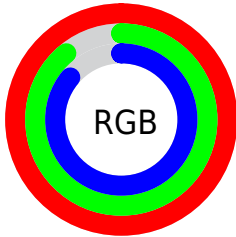
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 227, 220 |
| Decimal | 16769756 |
| CIE Lab | 92.00, 9.00, 6.56 |
| CIE LCh | 92, 11.136, 36.115 |
| Yxy | 80.7044, 0.3373, 0.3351 |
| Android (android.graphics.Color) | 4294959836 (0xFFFFE2DC) |
| YUV | 233.9870, -6.8956, 18.4284 |
| Hunter-Lab | 89.8356, 4.2098, 10.8092 |

Details

The CIELCh color **92, 11.136, 36.115** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.173, 216.542**, 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, 11.062, 37.231** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.075, 36.267**, and if you desaturate by 10%, it is **98, 2.902, 35.977**.

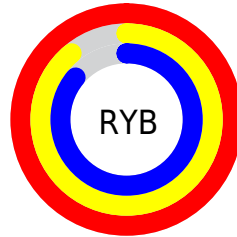
Distribution



Red (100%)

Green (89%)

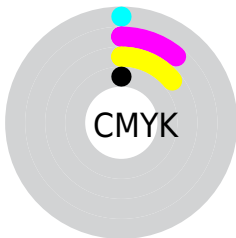
Blue (86%)



Red (100%)

Yellow (89%)

Blue (86%)

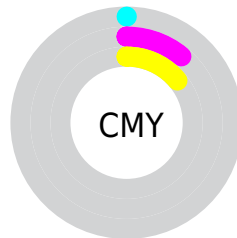


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 11.136, 36.115 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, 11.136, 36.115 by changing the saturation by 10% instead.

 92, 11.136, 36.115


 92, 11.136, 36.115

 100, 11.136,
36.115

 82, 11.136, 36.115

 72, 11.136, 36.115

 62, 11.136, 36.115

 52, 11.136, 36.115

 42, 11.136, 36.115

 32, 11.136, 36.115

 22, 11.136, 36.115

 12, 11.136, 36.115

 2, 11.136, 36.115

92, 11.136, 36.115

92, 11.136, 36.115

86, 20.075, 36.267

98, 2.902, 35.977

81, 29.768, 36.554

100, 0.051,
212.380

76, 40.230, 37.048

71, 51.420, 37.795

66, 63.199, 38.823

62, 75.252, 40.098

59, 86.880, 41.416

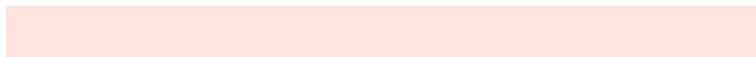
56, 96.540, 42.202

55, 100.914,
42.278

Harmonies

Complementary

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



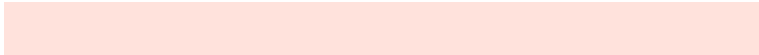
92, 11.136, 36.115



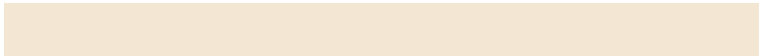
96, 10.173, 216.542

Rectangle

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



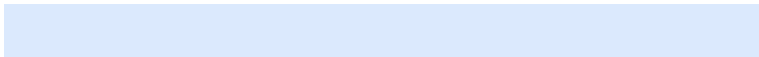
92, 11.136, 36.115



92, 11.136, 86.115



92, 11.136, 216.115



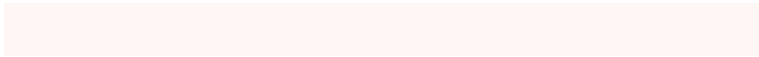
92, 11.136, 266.115

Sweetspot

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



92, 11.135, 36.129



98, 3.115, 35.990



91, 19.532, 330.217



52, 2.221, 36.020



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, 11.135, 36.129



91, 13.105, 36.151



96, 12.642, 89.369



50, 4.531, 36.094



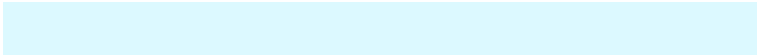
42, 80.897, 42.638



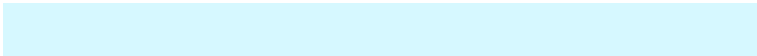
11, 30.397, 35.619

Inverse Universe

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



96, 10.173, 216.542



95, 11.781, 216.598



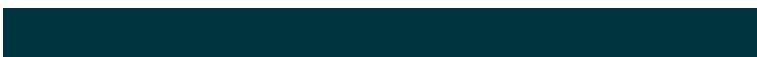
92, 12.615, 273.023



52, 4.263, 216.468



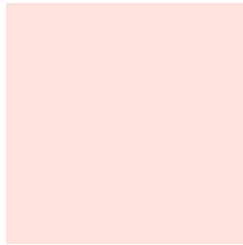
60, 35.086, 229.436



20, 16.147, 224.940

Previews

White Background



This preview shows how the CIE LCh color 92, 11.136, 36.115 looks on a white background.

Color Contrast Check

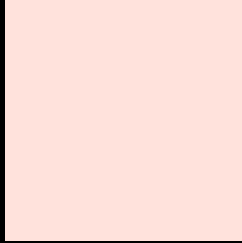
Large Text (above 18pt) WCAG AA × Fail

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, 11.136, 36.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

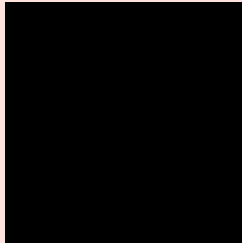
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

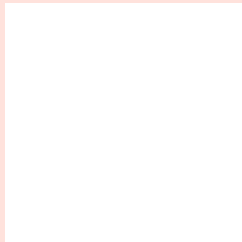
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.136, 36.115

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.136, 36.115.

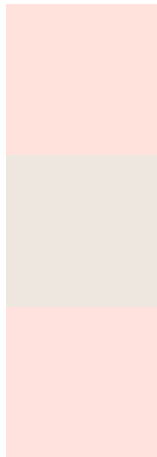


This preview shows how white text looks on a background with the CIELCh color 92, 11.136, 36.115.

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, 11.136, 36.115

Protanopia

92, 4.821, 78.074

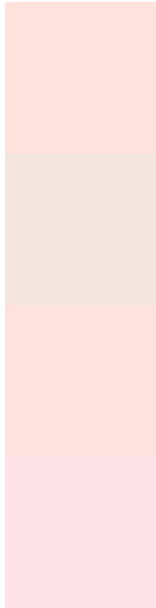
Deuteranopia

92, 10.857, 30.973



Tritanopia
92, 13.547, 345.549

Trichromacy



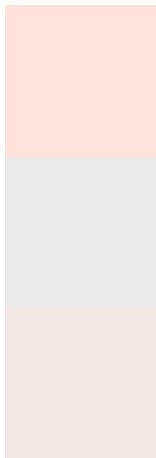
Original Color
92, 11.136, 36.115

Protanomaly
92, 6.539, 53.068

Deuteranomaly
92, 10.985, 33.578

Tritanomaly
92, 11.439, 1.841

Monochromacy



Original Color
92, 11.136, 36.115

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, 11.136, 36.115 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.136, 36.115 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, 220) }
```

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

```
.border{ border-color:rgb(255, 226, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 220); box-shadow:4px 4px 4px 4px rgb(255, 226, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.136, 36.115 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
226, 220) }
```

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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