

Converting Colors

CIELCh(90, 9.082, 356.502)

Have a look what the booklet for
CIELCh(90, 9.082, 356.502) contains.

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Color

CIELCh(90, 9.082, 356.502)

Conversions

Conversions Part 1

Format	Color
Hex	F4DDE4
RGB	244, 221, 228
RGB Percent	96%, 87%, 89%
CMY	0.0444, 0.1346, 0.1071
CMYK	0.00, 0.09, 0.07, 0.04
HSL	342°, 50%, 91%
HSV	342°, 9%, 96%
XYZ	76.9270, 76.3034, 83.8394
YIQ	228.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

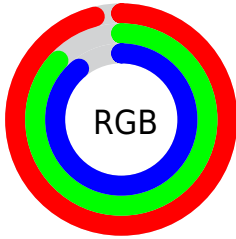
Format	Color
RYB	244, 221, 228
Decimal	16047588
CIELab	90.00, 9.07, -0.55
CIElCh	90, 9.082, 356.502
Yxy	76.3034, 0.3245, 0.3219
Android (android.graphics.Color)	4294237668 (0xFFFF4DDE4)
YUV	228.6750, -0.3328, 13.4400
Hunter-Lab	87.3518, 4.3317, 4.2403

Details

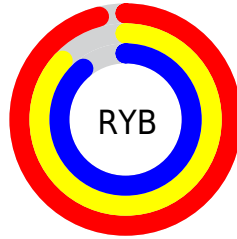
The CIELCh color `90, 9.082, 356.502` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 8.837, 174.853`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 9.225, 355.779` is the 20% darker color. If you saturate the color by 10%, you get `84, 19.069, 357.638`, and if you desaturate by 10%, it is `96, 0.527, 176.668`.

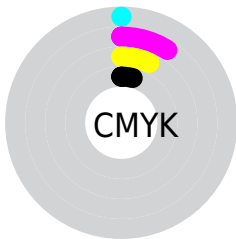
Distribution



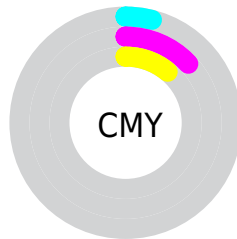
- Red (96%)
- Green (87%)
- Blue (89%)



- Red (96%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.082, 356.502 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 90, 9.082, 356.502 by changing the saturation by 10% instead.

 90, 9.082, 356.502

 90, 9.082, 356.502

 100, 9.082,
356.502

 80, 9.082, 356.502

 70, 9.082, 356.502

 60, 9.082, 356.502

 50, 9.082, 356.502

 40, 9.082, 356.502

 30, 9.082, 356.502

 20, 9.082, 356.502

 10, 9.082, 356.502

 0, 9.082, 356.502

90, 9.082, 356.502

90, 9.082, 356.502

84, 19.069,
357.638

96, 0.527, 176.668

99, 3.910, 199.327

78, 29.346,
358.931

72, 39.729, 0.468

66, 49.929, 2.339

62, 59.540, 4.669

58, 68.087, 7.616

55, 75.149, 11.359

53, 80.579, 16.032

52, 84.801, 21.507

Harmonies

Complementary

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



90, 9.082, 356.502



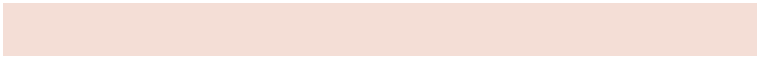
94, 8.837, 174.853

Rectangle

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



90, 9.082, 356.502



90, 9.082, 46.502



90, 9.082, 176.502



90, 9.082, 226.502

Sweetspot

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



90, 9.080, 356.510



98, 2.958, 355.751



90, 13.228, 315.584



52, 2.246, 355.868



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

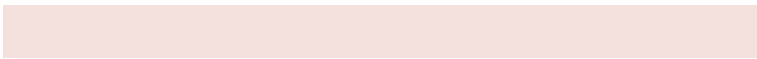
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 9.080, 356.510



93, 11.019, 356.683



91, 7.190, 37.371



48, 5.491, 356.516



39, 69.093, 20.760



9, 29.669, 10.945

Inverse Universe

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



90, 9.080, 356.510



93, 11.019, 356.683



93, 6.772, 217.850



48, 5.491, 356.516



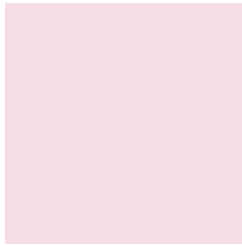
39, 69.093, 20.760



9, 29.669, 10.945

Previews

White Background



This preview shows how the CIELCh color 90, 9.082, 356.502 looks on a white background.

Color Contrast Check

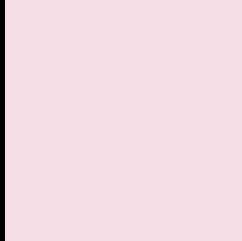
Large Text (above 18pt) WCAG AA × Fail

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 90, 9.082, 356.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

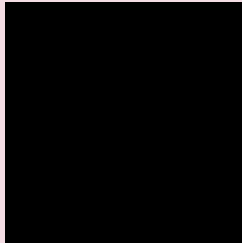
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

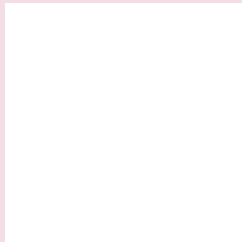
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.082, 356.502

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.082, 356.502.

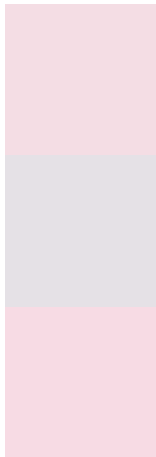


This preview shows how white text looks on a background with the CIELCh color 90, 9.082, 356.502.

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


90, 9.082, 356.502

Protanopia

90, 2.986, 318.830

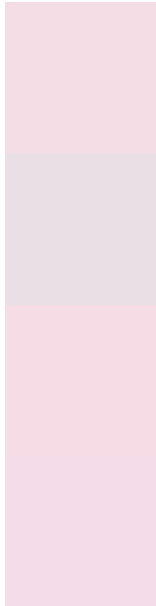
Deuteranopia

90, 11.169, 355.539



Tritanopia
90, 12.846, 336.950

Trichromacy



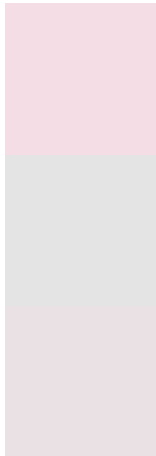
Original Color
90, 9.082, 356.502

Protanomaly
90, 5.050, 341.565

Deuteranomaly
90, 10.292, 356.396

Tritanomaly
90, 11.249, 343.395

Monochromacy



Original Color
90, 9.082, 356.502

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.599, 353.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.082, 356.502 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(244, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 228)  
}
```

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(244, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.082, 356.502 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(244, 221, 228) }
```

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

```
.border{ border-color:rgb(244, 221, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.082, 356.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 221, 228) }
```

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

```
.background{ background-color: rgb(244,  
221, 228) }
```

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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