

Converting Colors

CIELCh(91, 8.440, 38.088)

Have a look what the booklet for
CIELCh(91, 8.440, 38.088) contains.

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Color

CIELCh(91, 8.466, 37.576)

Conversions

Conversions Part 1

Format	Color
Hex	F7E1DC
RGB	247, 225, 220
RGB Percent	97%, 88%, 86%
CMY	0.0330, 0.1192, 0.1388
CMYK	0.00, 0.09, 0.11, 0.03
HSL	11°, 62%, 91%
HSV	11°, 11%, 97%
XYZ	77.8993, 78.4833, 78.4796
YIQ	231.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

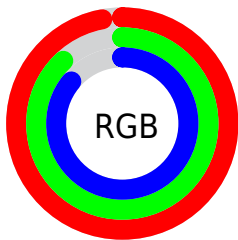
Format	Color
R _Y B	247, 226, 220
Decimal	16245212
CIE Lab	91.00, 6.71, 5.16
CIE LCh	91, 8.466, 37.576
Yxy	78.4833, 0.3317, 0.3342
Android (android.graphics.Color)	4294435292 (0xFF7E1DC)
YUV	231.0080, -5.4269, 14.0250
Hunter-Lab	88.5908, 1.9240, 9.4906

Details

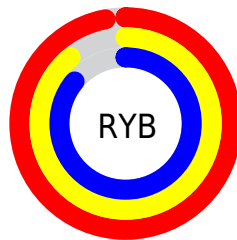
The CIELCh color **91, 8.466, 37.576** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.892, 218.120**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 8.607, 38.349** is the 20% darker color. If you saturate the color by 10%, you get **86, 16.893, 37.632**, and if you desaturate by 10%, it is **97, 0.699, 36.865**.

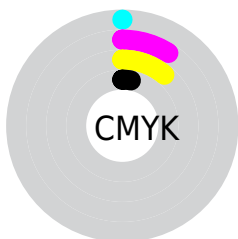
Distribution



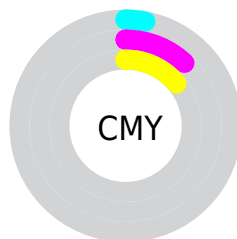
- Red (97%)
- Green (88%)
- Blue (86%)



- Red (97%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (3%)

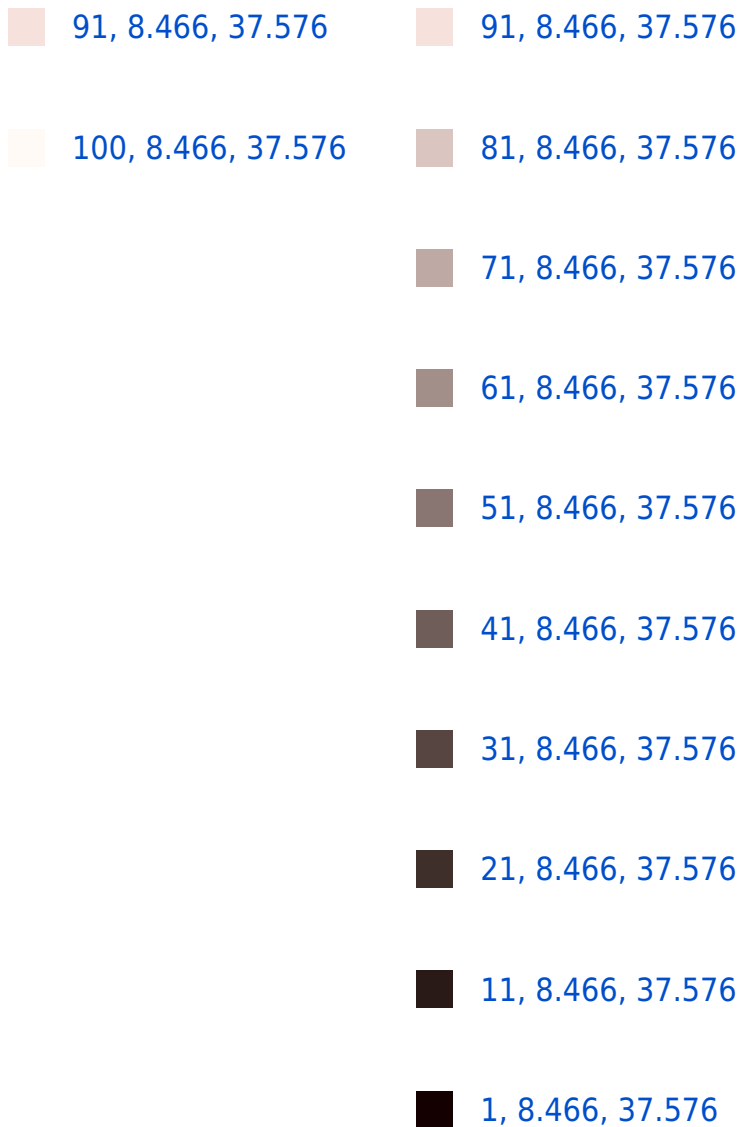


- Cyan (3%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.466, 37.576 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 91, 8.466, 37.576 by changing the saturation by 10% instead.



91, 8.466, 37.576

91, 8.466, 37.576

86, 16.893, 37.632

97, 0.699, 36.865

80, 26.038, 37.790

99, 2.909, 199.448

75, 35.926, 38.129

70, 46.543, 38.692

66, 57.795, 39.513

62, 69.446, 40.578

58, 80.966, 41.749

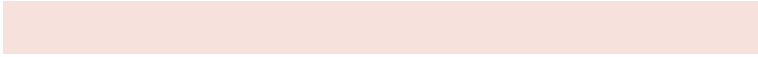
55, 91.163, 42.594

54, 97.880, 42.667

Harmonies

Complementary

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



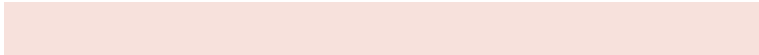
91, 8.466, 37.576



94, 7.892, 218.120

Rectangle

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



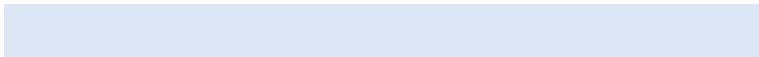
91, 8.466, 37.576



91, 8.466, 87.576



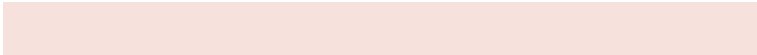
91, 8.466, 217.576



91, 8.466, 267.576

Sweetspot

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



91, 8.465, 37.594



98, 2.306, 37.465



90, 14.957, 330.607



52, 1.754, 37.515



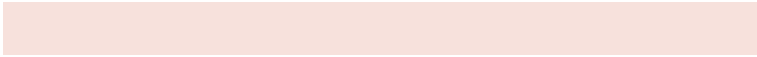
0, 0.000, 0.000



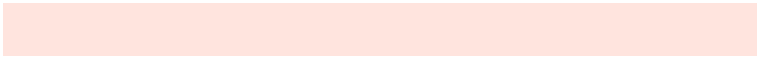
53, 0.007, 296.813

Same Dimension

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



91, 8.465, 37.594



93, 10.422, 37.596



94, 9.941, 91.047



48, 4.343, 37.592



41, 78.820, 43.056



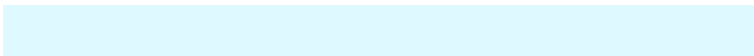
10, 27.688, 34.979

Inverse Universe

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



94, 7.892, 218.120



96, 9.577, 218.174



91, 9.951, 273.907



50, 4.089, 218.090



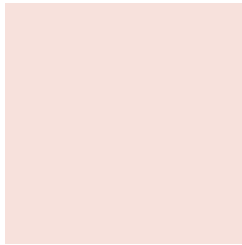
58, 34.484, 232.384



17, 15.281, 227.029

Previews

White Background



This preview shows how the CIELCh color 91, 8.466, 37.576 looks on a white background.

Color Contrast Check

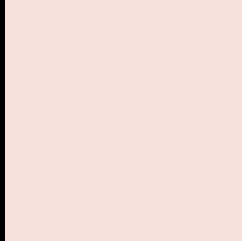
Large Text (above 18pt) WCAG AA × Fail

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 91, 8.466, 37.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

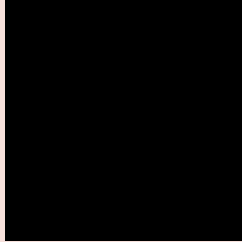
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

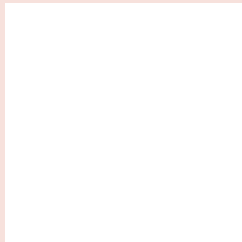
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.466, 37.576

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.466, 37.576.

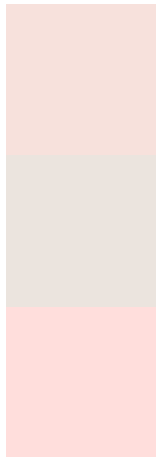


This preview shows how white text looks on a background with the CIELCh color 91, 8.466, 37.576.

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


91, 8.466, 37.576

Protanopia

91, 3.985, 70.386

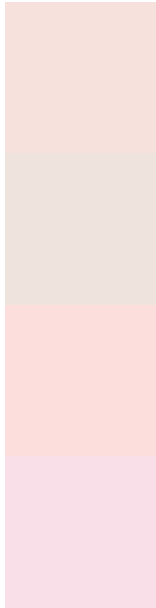
Deuteranopia

91, 12.210, 25.043



Tritanopia
91, 13.076, 338.052

Trichromacy



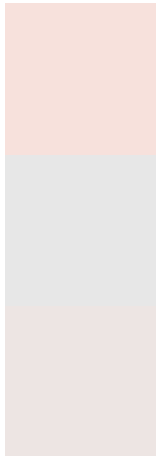
Original Color
91, 8.466, 37.576

Protanomaly
91, 5.338, 54.996

Deuteranomaly
91, 10.783, 28.318

Tritanomaly
91, 10.151, 352.837

Monochromacy



Original Color
91, 8.466, 37.576

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.046, 39.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.466, 37.576 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(247, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 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(247, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.466, 37.576 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(247, 225, 220) }
```

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

```
.border{ border-color:rgb(247, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.466, 37.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 220) }
```

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

```
.background{ background-color: rgb(247,  
225, 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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