

Converting Colors

CIELCh(91, 17.483, 76.320)

Have a look what the booklet for
CIELCh(91, 17.483, 76.320) contains.

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Color

CIELCh(91, 17.364, 75.701)

Conversions

Conversions Part 1

Format	Color
Hex	FAE1C5
RGB	250, 225, 197
RGB Percent	98%, 88%, 77%
CMY	0.0182, 0.1162, 0.2261
CMYK	0.00, 0.10, 0.21, 0.02
HSL	32°, 85%, 88%
HSV	32°, 21%, 98%
XYZ	76.6964, 78.4833, 64.1406
YIQ	229.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

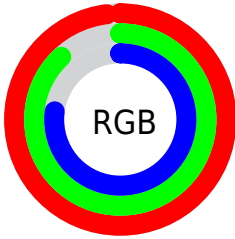
Format	Color
R _Y B	244, 250, 197
Decimal	16441797
CIE Lab	91.00, 4.29, 16.83
CIE LCh	91, 17.364, 75.701
Yxy	78.4833, 0.3497, 0.3578
Android (android.graphics.Color)	4294631877 (0xFFFAE1C5)
YUV	229.2830, -15.9155, 18.1688
Hunter-Lab	88.5908, -0.4998, 19.0871

Details

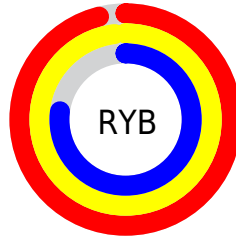
The CIELCh color **91, 17.364, 75.701** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 16.571, 261.586**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **71, 17.483, 76.320** is the 20% darker color. If you saturate the color by 10%, you get **88, 26.120, 74.405**, and if you desaturate by 10%, it is **94, 8.969, 76.978**.

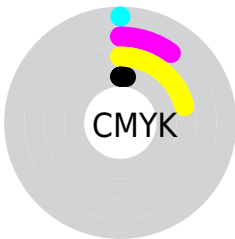
Distribution



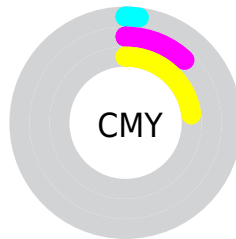
- Red (98%)
- Green (88%)
- Blue (77%)



- Red (96%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.364, 75.701 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, 17.364, 75.701 by changing the saturation by 10% instead.

 91, 17.364, 75.701

 91, 17.364, 75.701

 100, 17.364,
75.701

 81, 17.364, 75.701

 71, 17.364, 75.701

 61, 17.364, 75.701

 51, 17.364, 75.701

 41, 17.364, 75.701

 31, 17.364, 75.701

 21, 17.364, 75.701

 11, 17.364, 75.701

 1, 17.364, 75.701

91, 17.364, 75.701

91, 17.364, 75.701

88, 26.120, 74.405

94, 8.969, 76.978

84, 35.233, 73.075

98, 0.916, 77.837

81, 44.654, 71.719

100, 1.608,
199.715

78, 54.247, 70.316

75, 63.704, 68.805

72, 72.411, 67.050

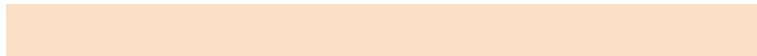
69, 79.341, 64.786

67, 83.430, 62.221

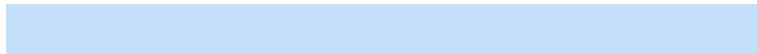
Harmonies

Complementary

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



91, 17.364, 75.701



88, 16.571, 261.586

Rectangle

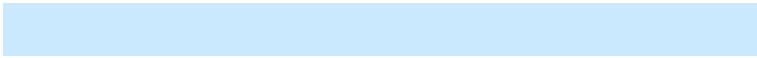
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.364, 75.701



91, 17.364, 125.701



91, 17.364, 255.701



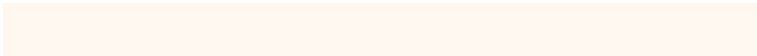
91, 17.364, 305.701

Sweetspot

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



91, 17.365, 75.711



98, 4.832, 77.594



85, 23.461, 346.472



52, 3.210, 77.520



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, 17.365, 75.711



91, 20.981, 75.211



97, 26.836, 108.825



50, 4.539, 77.184



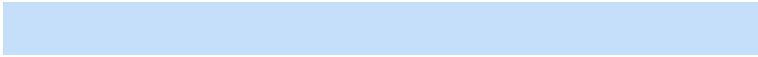
52, 67.263, 62.920



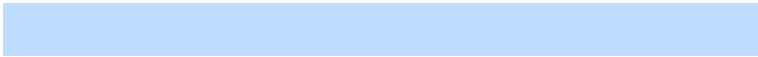
16, 25.856, 64.544

Inverse Universe

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



88, 16.571, 261.586



87, 19.831, 262.282



81, 28.204, 293.202



49, 4.458, 259.751



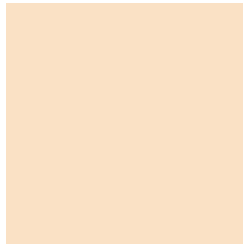
39, 61.013, 286.801



11, 24.150, 280.133

Previews

White Background



This preview shows how the CIELCh color 91, 17.364, 75.701 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, 17.364, 75.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

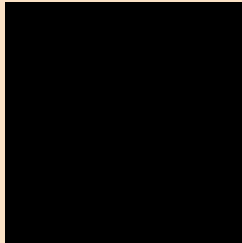
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 17.364, 75.701

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.364, 75.701.

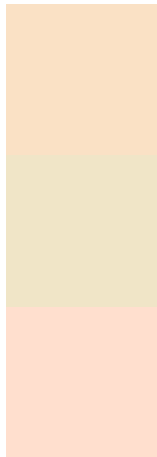


This preview shows how white text looks on a background with the CIELCh color 91, 17.364, 75.701.

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, 17.364, 75.701

Protanopia

91, 16.013, 93.890

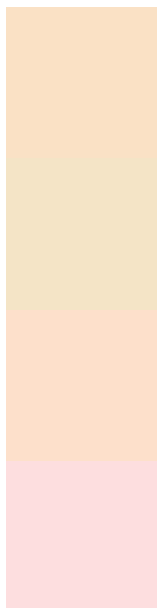
Deuteranopia

91, 14.973, 55.751



Tritanopia
91, 15.341, 345.597

Trichromacy



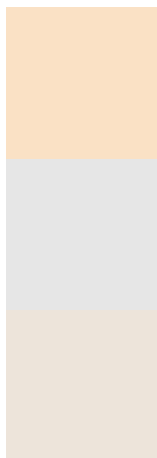
Original Color
91, 17.364, 75.701

Protanomaly
91, 16.627, 87.521

Deuteranomaly
91, 15.479, 64.132

Tritanomaly
91, 11.367, 17.576

Monochromacy



Original Color
91, 17.364, 75.701

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.103, 77.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.364, 75.701 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(250, 225, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 197)  
}
```

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(250, 225, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.364, 75.701 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(250, 225, 197) }
```

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

```
.border{ border-color:rgb(250, 225, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 225, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 225, 197); box-shadow:4px 4px 4px 4px rgb(250, 225, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.364, 75.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 197) }
```

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

```
.background{ background-color: rgb(250,  
225, 197) }
```

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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