

Converting Colors

CIELCh(91, 9.096, 48.267)

Have a look what the booklet for
CIELCh(91, 9.096, 48.267) contains.

CIELCh(91, 9.097, 46.779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 9.097, 46.779)

Conversions

Conversions Part 1

Format	Color
Hex	F7E1D9
RGB	247, 225, 217
RGB Percent	97%, 88%, 85%
CMY	0.0321, 0.1184, 0.1498
CMYK	0.00, 0.09, 0.12, 0.03
HSL	16°, 65%, 91%
HSV	16°, 12%, 97%
XYZ	77.6599, 78.4833, 76.5699
YIQ	230.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

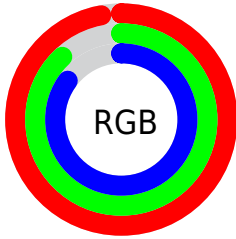
Format	Color
R _Y B	247, 228, 217
Decimal	16245209
CIE Lab	91.00, 6.23, 6.63
CIE LCh	91, 9.097, 46.779
Yxy	78.4833, 0.3337, 0.3373
Android (android.graphics.Color)	4294435289 (0xFFFF7E1D9)
YUV	230.6660, -6.7373, 14.3249
Hunter-Lab	88.5908, 1.4415, 10.7686

Details

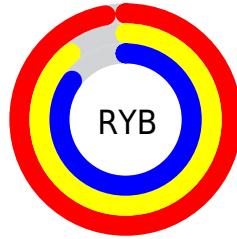
The CIELCh color **91, 9.097, 46.779** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 8.468, 228.307**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 8.954, 48.899** is the 20% darker color. If you saturate the color by 10%, you get **86, 17.259, 46.412**, and if you desaturate by 10%, it is **96, 1.547, 46.962**.

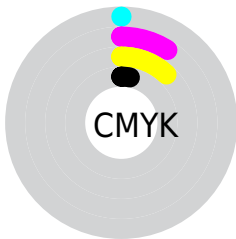
Distribution



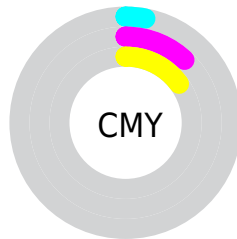
- Red (97%)
- Green (88%)
- Blue (85%)



- Red (97%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.097, 46.779 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, 9.097, 46.779 by changing the saturation by 10% instead.



91, 9.097, 46.779

91, 9.097, 46.779

86, 17.259, 46.412

96, 1.547, 46.962

81, 26.089, 46.110

99, 2.838, 199.459

76, 35.624, 45.930

72, 45.861, 45.900

68, 56.721, 46.027

64, 67.972, 46.266

61, 79.051, 46.452

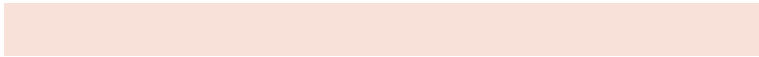
58, 88.724, 46.158

56, 94.466, 45.391

Harmonies

Complementary

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



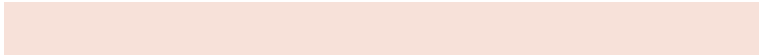
91, 9.097, 46.779



93, 8.468, 228.307

Rectangle

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



91, 9.097, 46.779



91, 9.097, 96.779



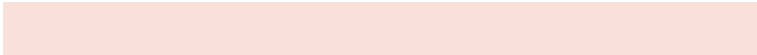
91, 9.097, 226.779



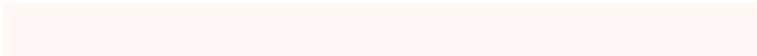
91, 9.097, 276.779

Sweetspot

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



91, 9.096, 46.796



98, 2.976, 47.050



90, 15.677, 333.763



52, 2.122, 47.045



0, 0.000, 0.000



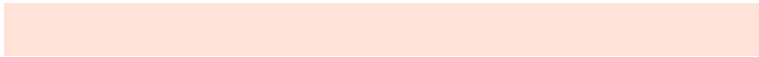
53, 0.007, 296.813

Same Dimension

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



91, 9.096, 46.796



92, 11.661, 46.681



95, 12.033, 96.879



49, 4.181, 46.902



42, 75.952, 45.916



11, 26.522, 40.255

Inverse Universe

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



93, 8.468, 228.307



95, 10.657, 228.517



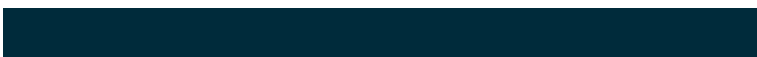
89, 12.162, 279.879



49, 3.959, 228.134



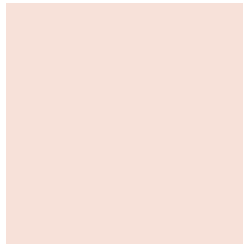
53, 36.858, 249.707



16, 15.765, 242.399

Previews

White Background



This preview shows how the CIELCh color 91, 9.097, 46.779 looks on a white background.

Color Contrast Check

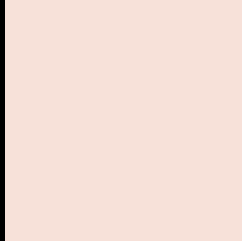
Large Text (above 18pt) WCAG AA × Fail

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, 9.097, 46.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

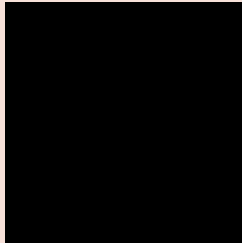
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

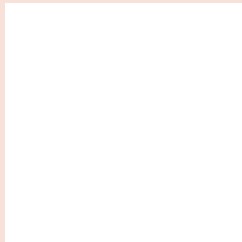
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.097, 46.779

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.097, 46.779.

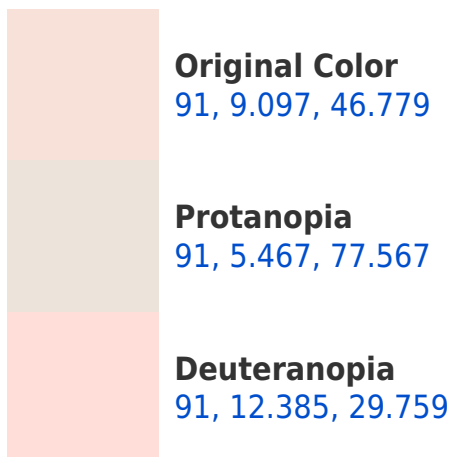


This preview shows how white text looks on a background with the CIELCh color 91, 9.097, 46.779.

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](#).

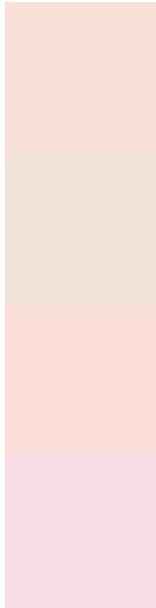
Dichromacy





Tritanopia
91, 13.955, 338.523

Trichromacy



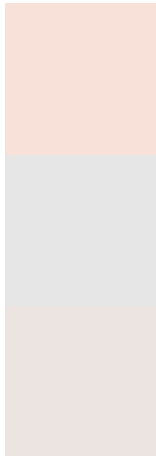
Original Color
91, 9.097, 46.779

Protanomaly
91, 6.636, 63.956

Deuteranomaly
91, 11.016, 33.581

Tritanomaly
91, 10.811, 354.682

Monochromacy



Original Color
91, 9.097, 46.779

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.260, 47.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.097, 46.779 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.097, 46.779 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, 217) }
```

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

```
.border{ border-color:rgb(247, 225, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 225, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 225, 217); box-shadow:4px 4px 4px 4px rgb(247, 225, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.097, 46.779 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, 217) }
```

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

```
.background{ background-color: rgb(247,  
225, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor