

Converting Colors

CIELCh(89, 9.469, 46.751)

Have a look what the booklet for
CIELCh(89, 9.469, 46.751) contains.

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Color

CIELCh(89, 9.489, 45.754)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBD3
RGB	242, 219, 211
RGB Percent	95%, 86%, 83%
CMY	0.0514, 0.1416, 0.1730
CMYK	0.00, 0.10, 0.13, 0.05
HSL	15°, 54%, 89%
HSV	15°, 13%, 95%
XYZ	73.6299, 74.1641, 71.9932
YIQ	224.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

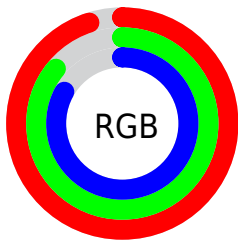
Format	Color
R _Y B	242, 222, 211
Decimal	15915987
CIE Lab	89.00, 6.62, 6.80
CIE LCh	89, 9.489, 45.754
Yxy	74.1641, 0.3350, 0.3374
Android (android.graphics.Color)	4294106067 (0xFFF2DBD3)
YUV	224.9650, -6.8847, 14.9397
Hunter-Lab	86.1186, 1.9068, 10.7179

Details

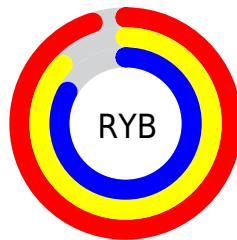
The CIELCh color $89, 9.489, 45.754$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91, 8.787, 227.248$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 9.483, 43.765$ is the 20% darker color. If you saturate the color by 10%, you get $84, 17.588, 45.435$, and if you desaturate by 10%, it is $94, 2.001, 45.979$.

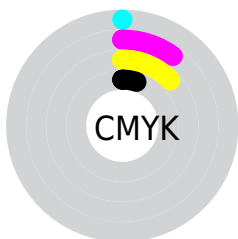
Distribution



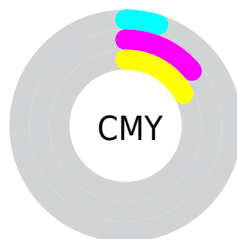
- Red (95%)
- Green (86%)
- Blue (83%)



- Red (95%)
- Yellow (87%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 9.489, 45.754 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 89, 9.489, 45.754 by changing the saturation by 10% instead.



89, 9.489, 45.754

89, 9.489, 45.754

84, 17.588, 45.435

94, 2.001, 45.979

79, 26.355, 45.190

99, 4.445, 200.672

75, 35.821, 45.076

99, 4.518, 199.265

70, 45.981, 45.120

66, 56.748, 45.330

62, 67.880, 45.659

59, 78.795, 45.931

56, 88.225, 45.695

54, 93.402, 45.080

Harmonies

Complementary

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



89, 9.489, 45.754



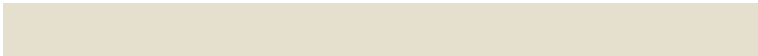
91, 8.787, 227.248

Rectangle

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



89, 9.489, 45.754



89, 9.489, 95.754



89, 9.489, 225.754



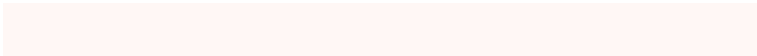
89, 9.489, 275.754

Sweetspot

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



89, 9.488, 45.771



98, 2.984, 46.013



88, 16.464, 333.162



52, 2.127, 46.011



0, 0.000, 0.000



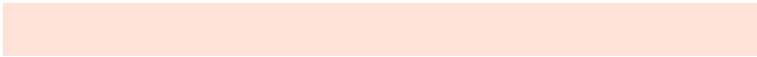
53, 0.007, 296.813

Same Dimension

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



89, 9.488, 45.771



92, 11.696, 45.691



93, 12.277, 95.686



48, 4.121, 45.888



42, 75.475, 45.590



10, 25.380, 38.948

Inverse Universe

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



91, 8.787, 227.248



95, 10.675, 227.403



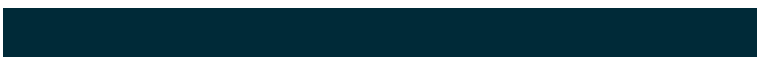
87, 12.390, 278.893



49, 3.899, 227.044



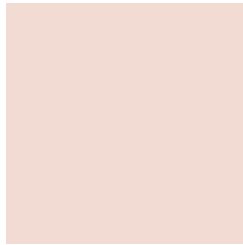
53, 36.082, 247.911



15, 15.200, 240.386

Previews

White Background



This preview shows how the CIELCh color 89, 9.489, 45.754 looks on a white background.

Color Contrast Check

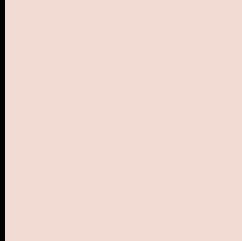
Large Text (above 18pt) WCAG AA × Fail

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 89, 9.489, 45.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

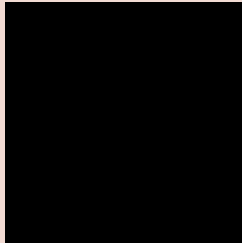
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

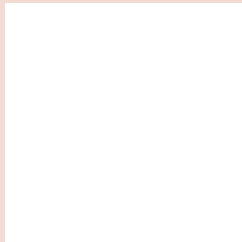
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 9.489, 45.754

Background



This preview shows how black text looks on a background with the CIELCh color 89, 9.489, 45.754.

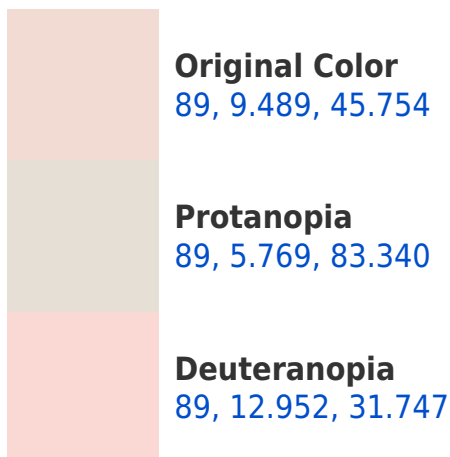



This preview shows how white text looks on a background with the CIELCh color 89, 9.489, 45.754.

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
89, 13.678, 340.175

Trichromacy



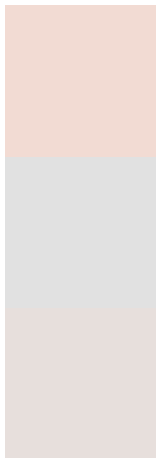
Original Color
89, 9.489, 45.754

Protanomaly
89, 6.797, 69.191

Deuteranomaly
89, 11.600, 35.624

Tritanomaly
89, 10.655, 357.240

Monochromacy



Original Color
89, 9.489, 45.754

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 3.275, 47.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 9.489, 45.754 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(242, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 211)  
}
```

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(242, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 9.489, 45.754 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(242, 219, 211) }
```

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

```
.border{ border-color:rgb(242, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 9.489, 45.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 211) }
```

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

```
.background{ background-color: rgb(242,  
219, 211) }
```

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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