

Converting Colors

CIELCh(89, 25.214, 87.809)

Have a look what the booklet for
CIELCh(89, 25.214, 87.809) contains.

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Color

CIELCh(89, 25.038, 87.116)

Conversions

Conversions Part 1

Format	Color
Hex	F4DDB0
RGB	244, 221, 176
RGB Percent	96%, 87%, 69%
CMY	0.0427, 0.1329, 0.3094
CMYK	0.00, 0.09, 0.28, 0.04
HSL	40°, 76%, 82%
HSV	40°, 28%, 96%
XYZ	71.0811, 74.1641, 51.6987
YIQ	222.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

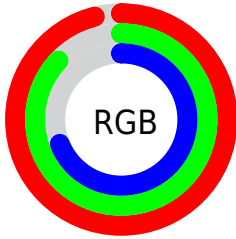
Format	Color
RYB	211, 244, 176
Decimal	16047536
CIELab	89.00, 1.26, 25.01
CIElCh	89, 25.038, 87.116
Yxy	74.1641, 0.3609, 0.3766
Android (android.graphics.Color)	4294237616 (0xFFF4DDB0)
YUV	222.7470, -23.0463, 18.6389
Hunter-Lab	86.1186, -3.3762, 24.6901

Details

The CIELCh color $89, 25.038, 87.116$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $80, 24.840, 275.021$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $99, 11.641, 109.297$, and $69, 25.121, 87.156$ is the 20% darker color. If you saturate the color by 10%, you get $87, 34.353, 85.753$, and if you desaturate by 10%, it is $92, 15.878, 88.448$.

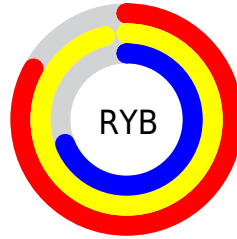
Distribution



Red (96%)

Green (87%)

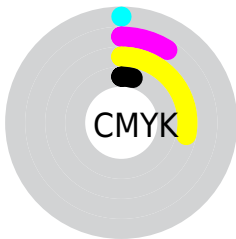
Blue (69%)



Red (83%)

Yellow (96%)

Blue (69%)

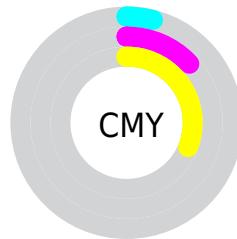


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 25.038, 87.116 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, 25.038, 87.116 by changing the saturation by 10% instead.

 89, 25.038, 87.116

 89, 25.038, 87.116

 100, 25.038,
87.116

 79, 25.038, 87.116

 69, 25.038, 87.116

 59, 25.038, 87.116

 49, 25.038, 87.116

 39, 25.038, 87.116

 29, 25.038, 87.116

 19, 25.038, 87.116

 9, 25.038, 87.116

 0, 25.038, 87.116

89, 25.038, 87.116

89, 25.038, 87.116

87, 34.353, 85.753

92, 15.878, 88.448

84, 43.739, 84.341

94, 6.905, 89.714

82, 53.030, 82.877

97, 1.874, 271.150

80, 61.907, 81.329

99, 3.484, 206.612

77, 69.805, 79.630

99, 3.760, 199.343

75, 75.866, 77.643

73, 79.260, 75.182

73, 79.819, 74.629

Harmonies

Complementary

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



89, 25.038, 87.116



80, 24.840, 275.021

Rectangle

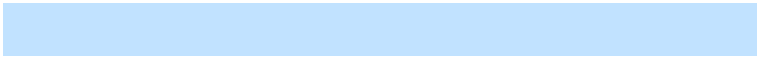
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 25.038, 87.116



89, 25.038, 137.116



89, 25.038, 267.116



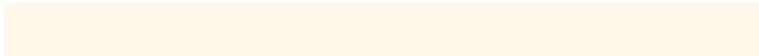
89, 25.038, 317.116

Sweetspot

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



89, 25.039, 87.122



98, 7.284, 89.695



79, 28.301, 355.562



52, 5.186, 89.510



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, 25.039, 87.122



91, 30.888, 86.413



94, 34.711, 113.959



50, 5.015, 89.515



57, 65.137, 75.169



17, 25.708, 77.955

Inverse Universe

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



80, 24.840, 275.021



80, 30.608, 276.050



75, 37.027, 298.600



48, 5.011, 272.022



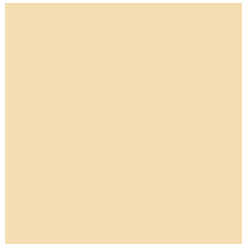
32, 76.665, 296.348



7, 29.218, 290.410

Previews

White Background



This preview shows how the CIELCh color 89, 25.038, 87.116 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 CIELCh color 89, 25.038, 87.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

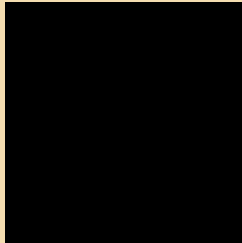
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 25.038, 87.116

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.038, 87.116.



This preview shows how white text looks on a background with the CIELCh color 89, 25.038, 87.116.

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

89, 25.038, 87.116

Protanopia

89, 24.510, 94.386

Deuteranopia

89, 21.897, 65.002



Tritanopia
89, 15.751, 348.789

Trichromacy



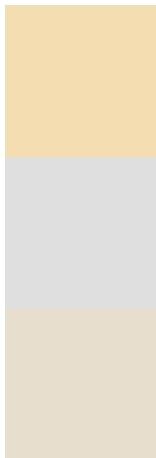
Original Color
89, 25.038, 87.116

Protanomaly
89, 24.352, 91.453

Deuteranomaly
89, 22.812, 74.216

Tritanomaly
89, 12.134, 37.480

Monochromacy



Original Color
89, 25.038, 87.116

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.937, 87.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.038, 87.116 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.038, 87.116 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, 176) }
```

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

```
.border{ border-color:rgb(244, 221, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 176);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.038, 87.116 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, 176) }
```

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

```
.background{ background-color: rgb(244,  
221, 176) }
```

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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