

Converting Colors

CIELCh(88, 26.219, 93.194)

Have a look what the booklet for
CIELCh(88, 26.219, 93.194) contains.

CIELCh(88, 26.275, 93.291)	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(88, 26.275, 93.291)

Conversions

Conversions Part 1

Format	Color
Hex	EDDCAB
RGB	237, 220, 171
RGB Percent	93%, 86%, 67%
CMY	0.0709, 0.1376, 0.3297
CMYK	0.00, 0.07, 0.28, 0.07
HSL	45°, 65%, 80%
HSV	45°, 28%, 93%
XYZ	67.8068, 72.0653, 48.8218
YIQ	219.4970, 25.8610, -11.6350

Conversions

Conversions Part 2

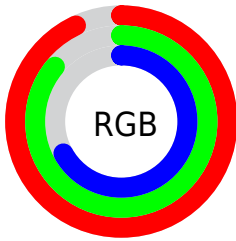
Format	Color
RYB	194, 237, 171
Decimal	15588523
CIELab	88.00, -1.51, 26.23
CIELCh	88, 26.275, 93.291
Yxy	72.0653, 0.3593, 0.3819
Android (android.graphics.Color)	4293778603 (0xFFEDDCAB)
YUV	219.4970, -23.9090, 15.3501
Hunter-Lab	84.8913, -5.9831, 25.3256

Details

The CIELCh color **88, 26.275, 93.291** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 26.740, 280.793**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **68, 26.425, 93.617** is the 20% darker color. If you saturate the color by 10%, you get **86, 35.843, 92.000**, and if you desaturate by 10%, it is **90, 16.748, 94.556**.

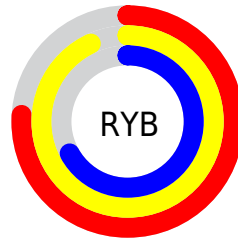
Distribution



Red (93%)

Green (86%)

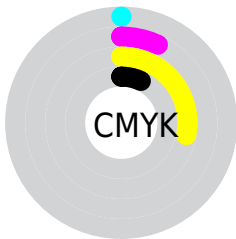
Blue (67%)



Red (76%)

Yellow (93%)

Blue (67%)

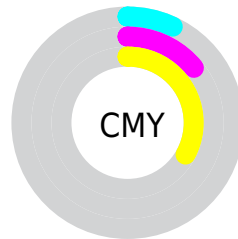


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 26.275, 93.291 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 88, 26.275, 93.291 by changing the saturation by 10% instead.

 88, 26.275, 93.291

 88, 26.275, 93.291

 100, 26.275,
93.291

 78, 26.275, 93.291

 68, 26.275, 93.291

 58, 26.275, 93.291

 48, 26.275, 93.291

 38, 26.275, 93.291

 28, 26.275, 93.291

 18, 26.275, 93.291

 8, 26.275, 93.291

 0, 26.275, 93.291

88, 26.275, 93.291

88, 26.275, 93.291

86, 35.843, 92.000

90, 16.748, 94.556

84, 45.339, 90.672

92, 7.315, 95.765

82, 54.561, 89.308

94, 1.997, 277.085

81, 63.153, 87.896

96, 5.997, 265.543

79, 70.537, 86.397

98, 5.154, 226.314

77, 75.909, 84.732

99, 6.209, 199.119

76, 78.610, 82.790

75, 79.022, 82.357

Harmonies

Complementary

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



88, 26.275, 93.291



76, 26.740, 280.793

Rectangle

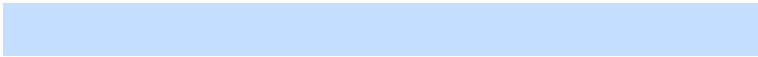
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 26.275, 93.291



88, 26.275, 143.291



88, 26.275, 273.291



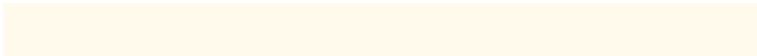
88, 26.275, 323.291

Sweetspot

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



88, 26.276, 93.297



98, 7.909, 95.744



77, 26.713, 1.387



52, 5.628, 95.566



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 26.276, 93.297



93, 33.118, 92.617



91, 34.207, 117.460



48, 5.255, 95.576



59, 64.687, 82.764



17, 24.562, 85.608

Inverse Universe

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



76, 26.740, 280.793



78, 33.854, 281.780



73, 36.330, 301.420



46, 5.292, 277.937



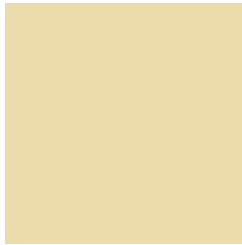
28, 84.345, 300.251



5, 29.259, 291.973

Previews

White Background



This preview shows how the CIELCh color 88, 26.275, 93.291 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 88, 26.275, 93.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

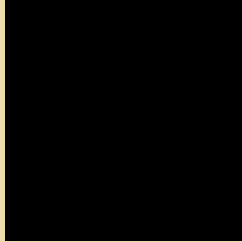
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 26.275, 93.291

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.275, 93.291.

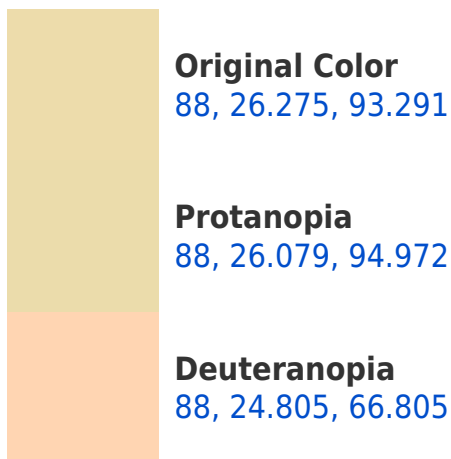


This preview shows how white text looks on a background with the CIELCh color 88, 26.275, 93.291.

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](#).

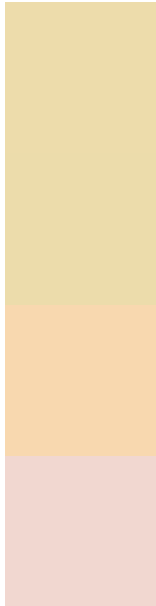
Dichromacy





Tritanopia
88, 14.565, 343.065

Trichromacy



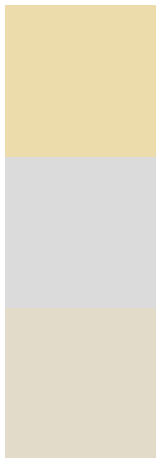
Original Color
88, 26.275, 93.291

Protanomaly
88, 26.174, 94.129

Deuteranomaly
88, 24.880, 77.924

Tritanomaly
88, 10.354, 40.521

Monochromacy



Original Color
88, 26.275, 93.291

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 9.211, 92.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.275, 93.291 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(237, 220, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 171)  
}
```

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(237, 220, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.275, 93.291 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(237, 220, 171) }
```

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

```
.border{ border-color:rgb(237, 220, 171) }
```

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

Here you see how a box with a 4 pixel rgb(237, 220, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.275, 93.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 171) }
```

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

```
.background{ background-color: rgb(237,  
220, 171) }
```

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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