

Converting Colors

CIELCh(88, 23.413, 90.299)

Have a look what the booklet for
CIELCh(88, 23.413, 90.299) contains.

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Color

CIELCh(88, 23.548, 89.904)

Conversions

Conversions Part 1

Format	Color
Hex	EEDBB0
RGB	238, 219, 176
RGB Percent	93%, 86%, 69%
CMY	0.0662, 0.1407, 0.3093
CMYK	0.00, 0.08, 0.26, 0.07
HSL	42°, 65%, 81%
HSV	42°, 26%, 93%
XYZ	68.5140, 72.0653, 51.4349
YIQ	219.7790, 25.1270, -9.3450

Conversions

Conversions Part 2

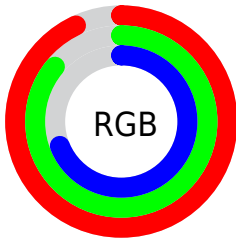
Format	Color
R_{YB}	203, 238, 176
Decimal	15653808
CIE Lab	88.00, 0.04, 23.55
CIE LCh	88, 23.548, 89.904
Yxy	72.0653, 0.3568, 0.3753
Android (android.graphics.Color)	4293843888 (0xFFEEDBB0)
YUV	219.7790, -21.5830, 15.9798
Hunter-Lab	84.8913, -4.4961, 23.5006

Details

The CIELCh color **88, 23.548, 89.904** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 23.608, 277.088**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **68, 23.561, 90.209** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.837, 88.572**, and if you desaturate by 10%, it is **90, 14.377, 91.205**.

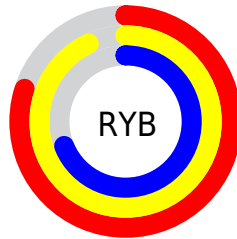
Distribution



Red (93%)

Green (86%)

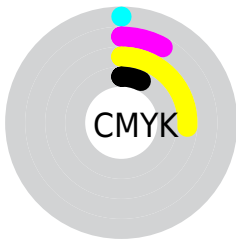
Blue (69%)



Red (80%)

Yellow (93%)

Blue (69%)

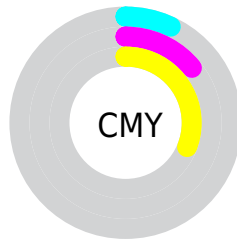


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 23.548, 89.904 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, 23.548, 89.904 by changing the saturation by 10% instead.

 88, 23.548, 89.904

 88, 23.548, 89.904

 100, 23.548,
89.904

 78, 23.548, 89.904

 68, 23.548, 89.904

 58, 23.548, 89.904

 48, 23.548, 89.904

 38, 23.548, 89.904

 28, 23.548, 89.904

 18, 23.548, 89.904

 8, 23.548, 89.904

 0, 23.548, 89.904

88, 23.548, 89.904

88, 23.548, 89.904

86, 32.837, 88.572

90, 14.377, 91.205

84, 42.160, 87.195

93, 5.358, 92.434

81, 51.360, 85.772

95, 3.498, 273.766

79, 60.140, 84.283

97, 4.849, 244.278

77, 67.984, 82.680

99, 5.797, 199.152

76, 74.104, 80.862

74, 77.632, 78.665

73, 78.526, 77.719

Harmonies

Complementary

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



88, 23.548, 89.904



79, 23.608, 277.088

Rectangle

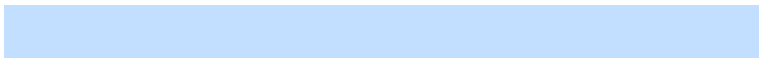
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 23.548, 89.904



88, 23.548, 139.904



88, 23.548, 269.904



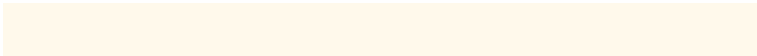
88, 23.548, 319.904

Sweetspot

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



88, 23.549, 89.911



98, 7.520, 92.199



78, 25.485, 357.598



52, 5.353, 92.016



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, 23.549, 89.911



92, 29.755, 89.236



92, 31.942, 115.503



49, 5.088, 92.024



57, 64.663, 78.195



17, 24.963, 81.044

Inverse Universe

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



79, 23.608, 277.088



81, 29.859, 278.039



75, 33.862, 299.539



47, 5.101, 274.477



30, 79.634, 298.018



6, 29.189, 291.265

Previews

White Background



This preview shows how the CIELCh color 88, 23.548, 89.904 looks on a white background.

Color Contrast Check

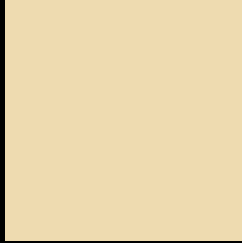
Large Text (above 18pt) WCAG AA × Fail

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, 23.548, 89.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

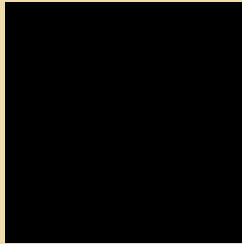
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.548, 89.904

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.548, 89.904.



This preview shows how white text looks on a background with the CIELCh color 88, 23.548, 89.904.

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

88, 23.548, 89.904

Protanopia

88, 22.968, 94.569

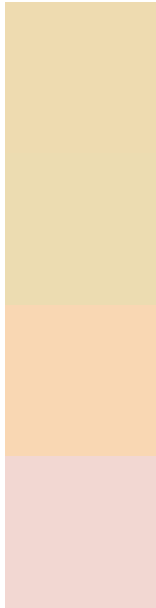
Deuteranopia

88, 24.002, 65.314



Tritanopia
88, 14.565, 343.065

Trichromacy



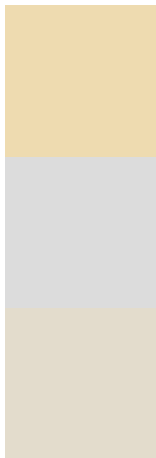
Original Color
88, 23.548, 89.904

Protanomaly
88, 23.172, 92.684

Deuteranomaly
88, 23.114, 73.374

Tritanomaly
88, 10.366, 34.521

Monochromacy



Original Color
88, 23.548, 89.904

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 8.704, 92.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.548, 89.904 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(238, 219, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 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(238, 219, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.548, 89.904 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(238, 219, 176) }
```

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

```
.border{ border-color:rgb(238, 219, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 219, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.548, 89.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 176) }
```

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

```
.background{ background-color: rgb(238,  
219, 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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