

Converting Colors

CIELCh(88, 44.425, 95.297)

Have a look what the booklet for
CIELCh(88, 44.425, 95.297) contains.

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Color

CIELCh(88, 44.418, 95.289)

Conversions

Conversions Part 1

Format	Color
Hex	F2DD88
RGB	242, 221, 136
RGB Percent	95%, 87%, 53%
CMY	0.0527, 0.1349, 0.4682
CMYK	0.00, 0.09, 0.44, 0.05
HSL	48°, 80%, 74%
HSV	48°, 44%, 95%
XYZ	66.6361, 72.0653, 33.5473
YIQ	217.5890, 39.8010, -21.9830

Conversions

Conversions Part 2

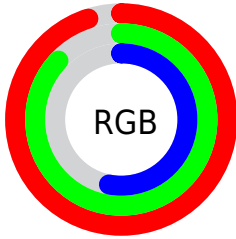
Format	Color
R _Y B	162, 242, 136
Decimal	15916424
CIE Lab	88.00, -4.09, 44.23
CIE LCh	88, 44.418, 95.289
Yxy	72.0653, 0.3869, 0.4184
Android (android.graphics.Color)	4294106504 (0xFFFF2DD88)
YUV	217.5890, -40.2234, 21.4084
Hunter-Lab	84.8913, -8.4447, 35.9937

Details

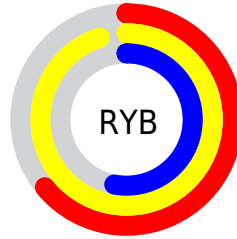
The CIELCh color **88, 44.418, 95.289** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **66, 47.168, 287.563**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.709, 107.688**, and **68, 44.485, 95.275** is the 20% darker color. If you saturate the color by 10%, you get **86, 54.183, 94.043**, and if you desaturate by 10%, it is **90, 34.355, 96.528**.

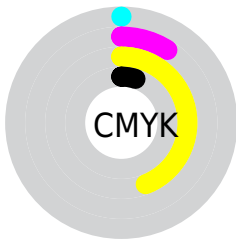
Distribution



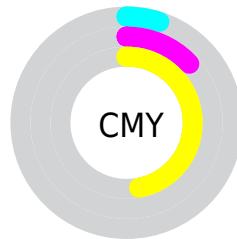
- Red (95%)
- Green (87%)
- Blue (53%)



- Red (64%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 44.418, 95.289 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, 44.418, 95.289 by changing the saturation by 10% instead.

 88, 44.418, 95.289

 88, 44.418, 95.289

 100, 44.418,
95.289

 78, 44.418, 95.289

 68, 44.418, 95.289

 58, 44.418, 95.289

 48, 44.418, 95.289

 38, 44.418, 95.289

 28, 44.418, 95.289

 18, 44.418, 95.289

 8, 44.418, 95.289

 0, 44.418, 95.289

88, 44.418, 95.289

88, 44.418, 95.289

86, 54.183, 94.043

90, 34.355, 96.528

85, 63.324, 92.780

91, 24.180, 97.742

84, 71.326, 91.495

93, 14.000, 98.925

82, 77.463, 90.160

95, 3.876, 100.045

81, 80.983, 88.715

96, 5.457, 279.922

80, 81.975, 87.760

98, 3.917, 247.654

99, 4.326, 205.574

99, 4.629, 199.255

Harmonies

Complementary

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



88, 44.418, 95.289



66, 47.168, 287.563

Rectangle

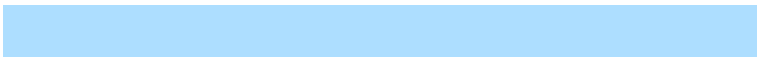
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 44.418, 95.289



88, 44.418, 145.289



88, 44.418, 275.289



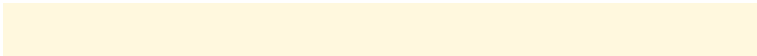
88, 44.418, 325.289

Sweetspot

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



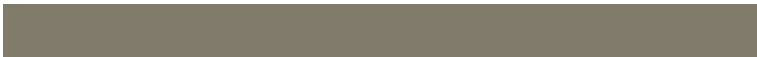
88, 44.419, 95.293



98, 13.716, 99.020



69, 43.139, 8.993



52, 9.606, 98.762



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



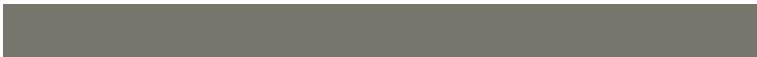
88, 44.419, 95.293



91, 55.746, 94.131



91, 54.550, 119.273



49, 5.692, 99.430



63, 66.831, 88.058



19, 26.994, 90.438

Inverse Universe

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



66, 47.168, 287.563



63, 60.509, 289.754



63, 59.985, 305.066



47, 5.759, 281.683



26, 91.613, 302.495



5, 32.640, 294.865

Previews

White Background



This preview shows how the CIELCh color 88, 44.418, 95.289 looks on a white background.

Color Contrast Check

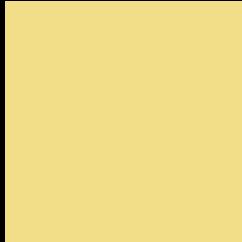
Large Text (above 18pt) WCAG AA × Fail

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, 44.418, 95.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

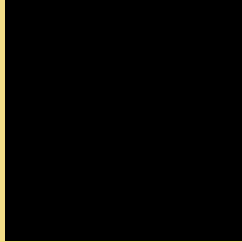
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 44.418, 95.289

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.418, 95.289.



This preview shows how white text looks on a background with the CIELCh color 88, 44.418, 95.289.

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, 44.418, 95.289

Protanopia

88, 44.333, 95.812

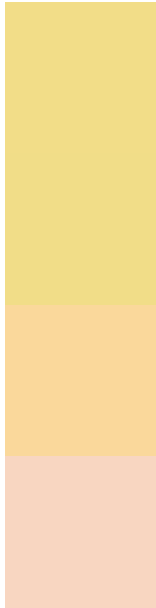
Deuteranopia

88, 30.092, 74.997



Tritanopia
88, 17.065, 351.562

Trichromacy



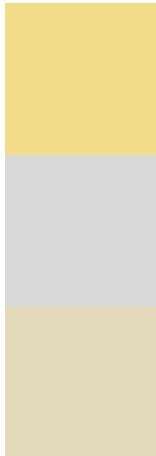
Original Color
88, 44.418, 95.289

Protanomaly
88, 44.333, 95.812

Deuteranomaly
88, 34.636, 84.066

Tritanomaly
88, 17.097, 59.534

Monochromacy



Original Color
88, 44.418, 95.289

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 16.415, 98.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.418, 95.289 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, 221, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 136)  
}
```

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, 221, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 44.418, 95.289 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, 221, 136) }
```

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

```
.border{ border-color:rgb(242, 221, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 221, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 136);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 44.418, 95.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 136) }
```

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

```
.background{ background-color: rgb(242,  
221, 136) }
```

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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