

Converting Colors

CIELCh(88, 55.939, 95.535)

Have a look what the booklet for
CIELCh(88, 55.939, 95.535) contains.

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Color

CIELCh(88, 55.909, 95.561)

Conversions

Conversions Part 1

Format	Color
Hex	F4DD70
RGB	244, 221, 112
RGB Percent	96%, 87%, 44%
CMY	0.0434, 0.1336, 0.5610
CMYK	0.00, 0.09, 0.54, 0.04
HSL	50°, 86%, 70%
HSV	50°, 54%, 96%
XYZ	66.0422, 72.0653, 25.7398
YIQ	215.4510, 48.6970, -29.0230

Conversions

Conversions Part 2

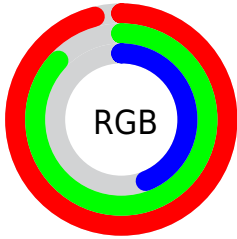
Format	Color
RYB	140, 244, 112
Decimal	16047472
CIELab	88.00, -5.42, 55.65
CIElCh	88, 55.909, 95.561
Yxy	72.0653, 0.4031, 0.4398
Android (android.graphics.Color)	4294237552 (0xFFF4DD70)
YUV	215.4510, -51.0013, 25.0375
Hunter-Lab	84.8913, -9.6934, 41.4466

Details

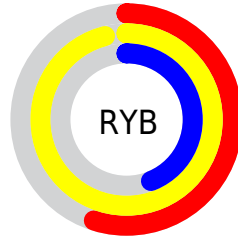
The CIELCh color **88, 55.909, 95.561** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 61.559, 291.226**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.472, 106.780**, and **68, 55.866, 95.558** is the 20% darker color. If you saturate the color by 10%, you get **87, 65.159, 94.358**, and if you desaturate by 10%, it is **89, 45.964, 96.771**.

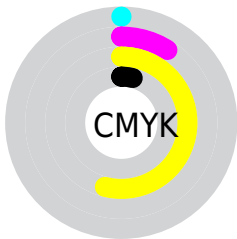
Distribution



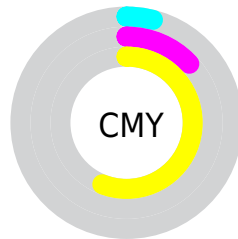
- Red (96%)
- Green (87%)
- Blue (44%)



- Red (55%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 55.909, 95.561 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, 55.909, 95.561 by changing the saturation by 10% instead.

 88, 55.909, 95.561

 88, 55.909, 95.561

 100, 55.909,
95.561

 78, 55.909, 95.561

 68, 55.909, 95.561

 58, 55.909, 95.561

 48, 55.909, 95.561

 38, 55.909, 95.561

 28, 55.909, 95.561

 18, 55.909, 95.561

 8, 55.909, 95.561

 0, 55.909, 95.561

88, 55.909, 95.561

88, 55.909, 95.561

87, 65.159, 94.358

89, 45.964, 96.771

85, 73.177, 93.149

91, 35.663, 97.971

84, 79.238, 91.921

92, 25.209, 99.156

83, 82.627, 90.628

94, 14.722,
100.314

82, 83.525, 89.826

95, 4.267, 101.419

97, 4.460, 279.357

98, 3.187, 243.348

99, 3.799, 199.912

99, 3.825, 199.336

Harmonies

Complementary

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



88, 55.909, 95.561



59, 61.559, 291.226

Rectangle

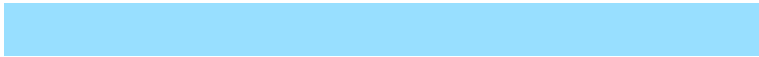
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 55.909, 95.561



88, 55.909, 145.561



88, 55.909, 275.561



88, 55.909, 325.561

Sweetspot

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



88, 55.910, 95.564



97, 17.316, 100.093



64, 54.110, 12.561



52, 11.697, 99.856



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, 55.910, 95.564



90, 68.324, 94.232



91, 66.984, 119.496



50, 5.937, 100.836



65, 68.290, 90.074



20, 28.732, 92.121

Inverse Universe

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



59, 61.559, 291.226



54, 78.201, 294.152



57, 75.543, 306.491



47, 6.017, 283.049



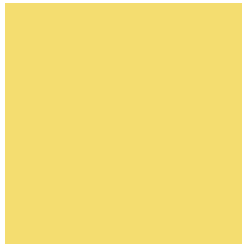
26, 94.911, 303.245



5, 35.086, 296.551

Previews

White Background



This preview shows how the CIELCh color 88, 55.909, 95.561 looks on a white background.

Color Contrast Check

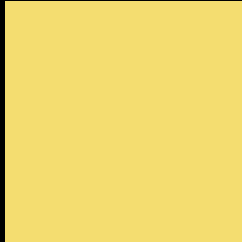
Large Text (above 18pt) WCAG AA × Fail

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, 55.909, 95.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

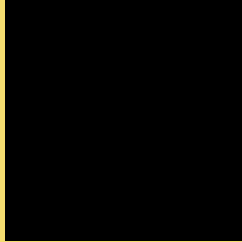
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 55.909, 95.561

Background



This preview shows how black text looks on a background with the CIELCh color 88, 55.909, 95.561.



This preview shows how white text looks on a background with the CIELCh color 88, 55.909, 95.561.

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, 55.909, 95.561

Protanopia

88, 55.909, 95.561

Deuteranopia

88, 32.347, 77.115



Tritanopia
88, 19.264, 353.638

Trichromacy



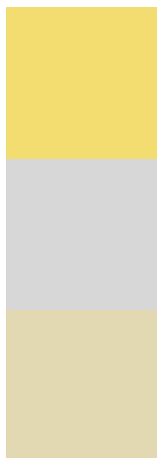
Original Color
88, 55.909, 95.561

Protanomaly
88, 55.909, 95.561

Deuteranomaly
88, 40.809, 86.927

Tritanomaly
88, 21.290, 64.829

Monochromacy



Original Color
88, 55.909, 95.561

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 20.590, 98.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 55.909, 95.561 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 55.909, 95.561 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, 112) }
```

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

```
.border{ border-color:rgb(244, 221, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 112);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 55.909, 95.561 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, 112) }
```

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

```
.background{ background-color: rgb(244,  
221, 112) }
```

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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