

Converting Colors

CIELCh(88, 34.235, 92.820)

Have a look what the booklet for
CIELCh(88, 34.235, 92.820) contains.

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Color

CIELCh(88, 34.154, 93.073)

Conversions

Conversions Part 1

Format	Color
Hex	F1DC9C
RGB	241, 220, 156
RGB Percent	95%, 86%, 61%
CMY	0.0561, 0.1384, 0.3893
CMYK	0.00, 0.09, 0.35, 0.06
HSL	45°, 75%, 78%
HSV	45°, 35%, 94%
XYZ	67.6600, 72.0653, 41.6696
YIQ	218.9830, 33.0600, -15.4520

Conversions

Conversions Part 2

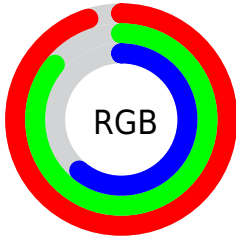
Format	Color
RYB	184, 241, 156
Decimal	15850652
CIELab	88.00, -1.83, 34.10
CIELCh	88, 34.154, 93.073
Yxy	72.0653, 0.3730, 0.3973
Android (android.graphics.Color)	4294040732 (0xFFFF1DC9C)
YUV	218.9830, -31.0506, 19.3089
Hunter-Lab	84.8913, -6.2917, 30.3209

Details

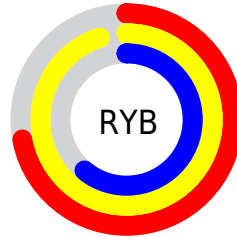
The CIELCh color **88, 34.154, 93.073** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 35.123, 282.887**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **68, 34.121, 92.770** is the 20% darker color. If you saturate the color by 10%, you get **86, 43.865, 91.770**, and if you desaturate by 10%, it is **90, 24.391, 94.355**.

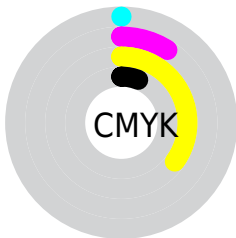
Distribution



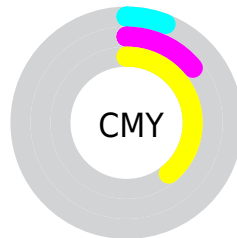
- Red (95%)
- Green (86%)
- Blue (61%)



- Red (72%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 34.154, 93.073 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, 34.154, 93.073 by changing the saturation by 10% instead.

 88, 34.154, 93.073

 88, 34.154, 93.073

 100, 34.154,
93.073

 78, 34.154, 93.073

 68, 34.154, 93.073

 58, 34.154, 93.073

 48, 34.154, 93.073

 38, 34.154, 93.073

 28, 34.154, 93.073

 18, 34.154, 93.073

 8, 34.154, 93.073

 0, 34.154, 93.073

88, 34.154, 93.073

88, 34.154, 93.073

86, 43.865, 91.770

90, 24.391, 94.355

84, 53.339, 90.431

92, 14.671, 95.594

83, 62.255, 89.054

94, 5.047, 96.773

81, 70.085, 87.611

96, 4.459, 278.024

79, 76.061, 86.041

98, 4.109, 243.370

78, 79.387, 84.239

99, 4.929, 199.227

77, 80.221, 83.319

Harmonies

Complementary

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



88, 34.154, 93.073



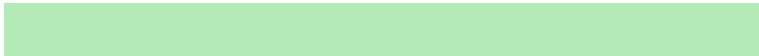
73, 35.123, 282.887

Rectangle

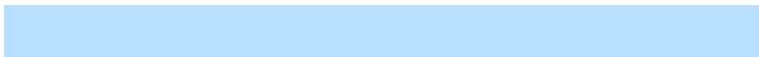
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 34.154, 93.073



88, 34.154, 143.073



88, 34.154, 273.073



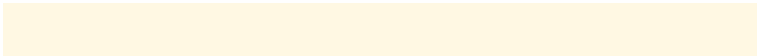
88, 34.154, 323.073

Sweetspot

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



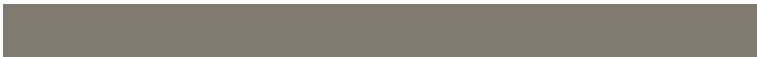
88, 34.155, 93.078



98, 11.020, 96.108



73, 34.524, 3.723



52, 7.412, 95.946



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, 34.155, 93.078



91, 42.622, 92.188



92, 43.788, 117.677



49, 5.408, 96.293



60, 65.570, 83.705



18, 25.994, 86.404

Inverse Universe

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



73, 35.123, 282.887



72, 44.210, 284.331



69, 47.335, 302.681



47, 5.451, 278.640



28, 86.485, 300.717



5, 31.206, 293.512

Previews

White Background



This preview shows how the CIELCh color 88, 34.154, 93.073 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, 34.154, 93.073 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, 34.154, 93.073

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.154, 93.073.



This preview shows how white text looks on a background with the CIELCh color 88, 34.154, 93.073.

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, 34.154, 93.073

Protanopia

88, 34.239, 95.858

Deuteranopia

88, 27.305, 70.702



Tritanopia
88, 16.102, 349.531

Trichromacy



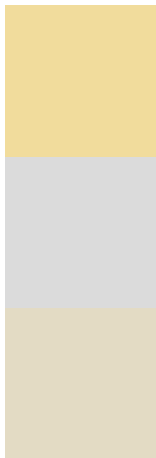
Original Color
88, 34.154, 93.073

Protanomaly
88, 34.327, 95.198

Deuteranomaly
88, 29.208, 79.416

Tritanomaly
88, 13.903, 49.079

Monochromacy



Original Color
88, 34.154, 93.073

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 12.331, 95.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.154, 93.073 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(241, 220, 156)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 156)  
}
```

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(241, 220, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.154, 93.073 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(241, 220, 156) }
```

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

```
.border{ border-color:rgb(241, 220, 156) }
```

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

Here you see how a box with a 4 pixel rgb(241, 220, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 156);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.154, 93.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 156) }
```

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

```
.background{ background-color: rgb(241,  
220, 156) }
```

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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