

Converting Colors

CIELCh(86, 51.849, 95.499)

Have a look what the booklet for
CIELCh(86, 51.849, 95.499) contains.

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Color

CIELCh(86, 51.849, 95.499)

Conversions

Conversions Part 1

Format	Color
Hex	EDD773
RGB	237, 215, 115
RGB Percent	93%, 84%, 45%
CMY	0.0698, 0.1560, 0.5483
CMYK	0.00, 0.09, 0.51, 0.07
HSL	49°, 77%, 69%
HSV	49°, 51%, 93%
XYZ	62.4535, 67.9871, 26.1082
YIQ	210.1780, 45.2120, -26.4360

Conversions

Conversions Part 2

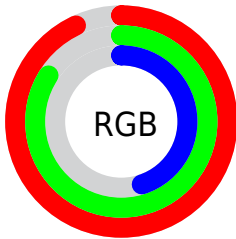
Format	Color
RYB	142, 237, 115
Decimal	15587187
CIELab	86.00, -4.97, 51.61
CIELCh	86, 51.849, 95.499
Yxy	67.9871, 0.3989, 0.4343
Android (android.graphics.Color)	4293777267 (0xFFEDD773)
YUV	210.1780, -46.9228, 23.5229
Hunter-Lab	82.4543, -9.0934, 38.9445

Details

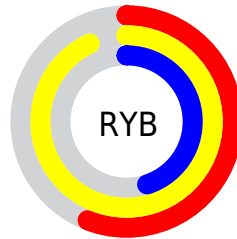
The CIELCh color **86, 51.849, 95.499** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **60, 56.479, 290.238**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 43.019, 106.892**, and **66, 52.018, 95.664** is the 20% darker color. If you saturate the color by 10%, you get **85, 61.103, 94.283**, and if you desaturate by 10%, it is **87, 42.039, 96.717**.

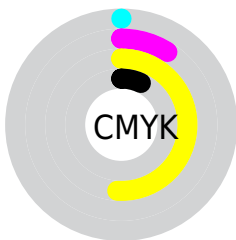
Distribution



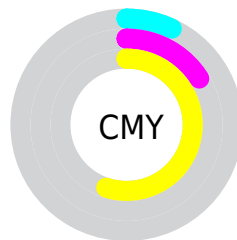
- Red (93%)
- Green (84%)
- Blue (45%)



- Red (56%)
- Yellow (93%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 51.849, 95.499 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 86, 51.849, 95.499 by changing the saturation by 10% instead.

 86, 51.849, 95.499

 86, 51.849, 95.499

 100, 51.849,
95.499

 76, 51.849, 95.499

 66, 51.849, 95.499

 56, 51.849, 95.499

 46, 51.849, 95.499

 36, 51.849, 95.499

 26, 51.849, 95.499

 16, 51.849, 95.499

 6, 51.849, 95.499

 0, 51.849, 95.499

86, 51.849, 95.499

86, 51.849, 95.499

85, 61.103, 94.283

87, 42.039, 96.717

83, 69.335, 93.060

89, 31.957, 97.921

82, 75.881, 91.816

90, 21.773, 99.106

81, 79.995, 90.513

92, 11.583,
100.259

80, 81.539, 89.318

94, 1.443, 101.285

95, 7.345, 280.903

96, 5.692, 261.982

97, 5.025, 233.855

98, 5.688, 205.824

Harmonies

Complementary

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



86, 51.849, 95.499



60, 56.479, 290.238

Rectangle

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



86, 51.849, 95.499



86, 51.849, 145.499



86, 51.849, 275.499



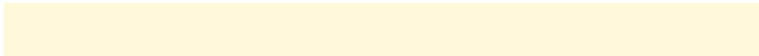
86, 51.849, 325.499

Sweetspot

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



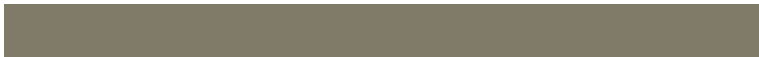
86, 51.850, 95.502



97, 16.127, 99.846



63, 50.202, 11.889



52, 11.009, 99.602



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 51.850, 95.502



90, 65.286, 94.185



89, 62.561, 119.608



49, 5.798, 100.480



63, 67.391, 89.568



19, 27.382, 91.802

Inverse Universe

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



60, 56.479, 290.238



57, 73.602, 293.024



57, 70.021, 306.246



47, 5.873, 282.699



25, 93.301, 303.041



5, 33.107, 295.271

Previews

White Background



This preview shows how the CIELCh color 86, 51.849, 95.499 looks on a white background.

Color Contrast Check

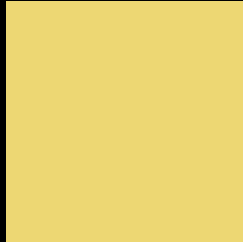
Large Text (above 18pt) WCAG AA × Fail

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 86, 51.849, 95.499 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 86, 51.849, 95.499

Background



This preview shows how black text looks on a background with the CIELCh color 86, 51.849, 95.499.



This preview shows how white text looks on a background with the CIELCh color 86, 51.849, 95.499.

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

86, 51.849, 95.499

Protanopia

86, 51.849, 95.499

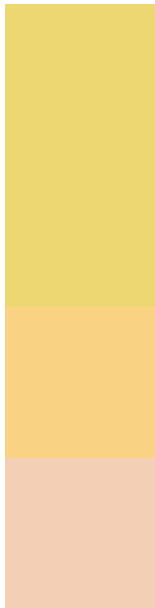
Deuteranopia

86, 39.620, 77.154



Tritanopia
86, 18.144, 353.438

Trichromacy



Original Color
86, 51.849, 95.499

Protanomaly
86, 51.849, 95.499

Deuteranomaly
86, 43.767, 84.861

Tritanomaly
86, 19.682, 63.461

Monochromacy



Original Color
86, 51.849, 95.499

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 19.072, 99.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 51.849, 95.499 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, 215, 115)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 115)  
}
```

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, 215, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 51.849, 95.499 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, 215, 115) }
```

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

```
.border{ border-color:rgb(237, 215, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 115);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 51.849, 95.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 115) }
```

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

```
.background{ background-color: rgb(237,  
215, 115) }
```

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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