

Converting Colors

CIELCh(87, 44.121, 94.627)

Have a look what the booklet for
CIELCh(87, 44.121, 94.627) contains.

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Color

CIELCh(87, 43.668, 94.527)

Conversions

Conversions Part 1

Format	Color
Hex	EFD986
RGB	239, 217, 134
RGB Percent	94%, 85%, 53%
CMY	0.0610, 0.1473, 0.4729
CMYK	0.00, 0.09, 0.44, 0.06
HSL	47°, 77%, 73%
HSV	47°, 44%, 94%
XYZ	65.0013, 70.0064, 32.7879
YIQ	214.1160, 39.7550, -21.1490

Conversions

Conversions Part 2

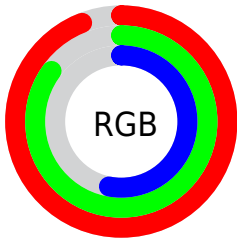
Format	Color
R _Y B	162, 239, 134
Decimal	15718790
CIE Lab	87.00, -3.45, 43.53
CIE LCh	87, 43.668, 94.527
Yxy	70.0064, 0.3874, 0.4172
Android (android.graphics.Color)	4293908870 (0xFFEFD986)
YUV	214.1160, -39.4972, 21.8233
Hunter-Lab	83.6698, -7.7494, 35.3348

Details

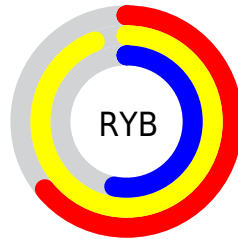
The CIELCh color $87, 43.668, 94.527$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $66, 46.154, 286.915$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 33.700, 107.612$, and $67, 43.737, 94.462$ is the 20% darker color. If you saturate the color by 10%, you get $85, 53.310, 93.260$, and if you desaturate by 10%, it is $89, 33.753, 95.783$.

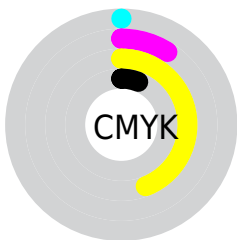
Distribution



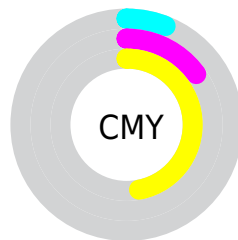
- Red (94%)
- Green (85%)
- Blue (53%)



- Red (64%)
- Yellow (94%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 43.668, 94.527 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 87, 43.668, 94.527 by changing the saturation by 10% instead.

87, 43.668, 94.527

87, 43.668, 94.527

100, 43.668,
94.527

77, 43.668, 94.527

67, 43.668, 94.527

57, 43.668, 94.527

47, 43.668, 94.527

37, 43.668, 94.527

27, 43.668, 94.527

17, 43.668, 94.527

7, 43.668, 94.527

0, 43.668, 94.527

87, 43.668, 94.527

87, 43.668, 94.527

85, 53.310, 93.260

89, 33.753, 95.783

84, 62.362, 91.971

90, 23.744, 97.010

82, 70.317, 90.651

92, 13.744, 98.205

81, 76.450, 89.265

94, 3.809, 99.334

80, 79.999, 87.745

96, 6.033, 280.536

79, 81.021, 86.735

97, 4.685, 254.034

98, 4.658, 214.788

99, 5.350, 199.190

Harmonies

Complementary

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



87, 43.668, 94.527



66, 46.154, 286.915

Rectangle

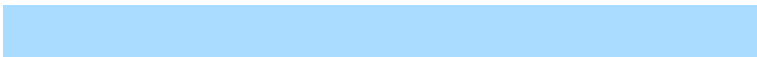
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 43.668, 94.527



87, 43.668, 144.527



87, 43.668, 274.527



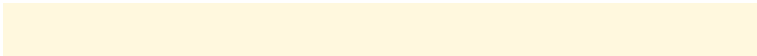
87, 43.668, 324.527

Sweetspot

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



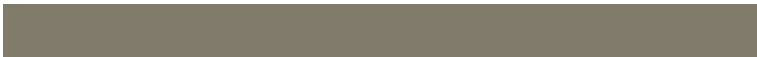
87, 43.669, 94.531



98, 13.552, 98.301



68, 42.912, 7.731



52, 9.493, 98.041



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



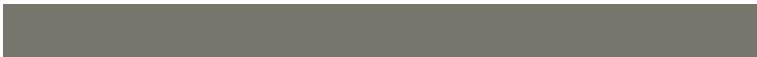
87, 43.669, 94.531



90, 55.229, 93.349



90, 54.006, 118.580



49, 5.623, 98.715



62, 66.492, 87.045



19, 26.746, 89.513

Inverse Universe

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



66, 46.154, 286.915



64, 59.596, 289.128



63, 59.514, 304.555



47, 5.684, 280.990



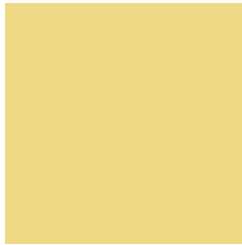
26, 90.450, 302.107



5, 32.318, 294.577

Previews

White Background



This preview shows how the CIELCh color 87, 43.668, 94.527 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 87, 43.668, 94.527 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 87, 43.668, 94.527

Background



This preview shows how black text looks on a background with the CIELCh color 87, 43.668, 94.527.

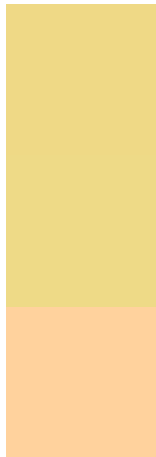


This preview shows how white text looks on a background with the CIELCh color 87, 43.668, 94.527.

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

87, 43.668, 94.527

Protanopia

87, 43.456, 95.614

Deuteranopia

87, 33.396, 74.668



Tritanopia
87, 17.431, 352.212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 43.668, 94.527 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(239, 217, 134)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 134)  
}
```

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(239, 217, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 43.668, 94.527 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(239, 217, 134) }
```

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

```
.border{ border-color:rgb(239, 217, 134) }
```

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

Here you see how a box with a 4 pixel rgb(239, 217, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 134);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 43.668, 94.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 134) }
```

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

```
.background{ background-color: rgb(239,  
217, 134) }
```

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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