



Coral Trend Indicator [LazyBear]  
LazyBear 44248 Oca 14, 2015



This is a famous trend indicator in MT4 platform. Is this better than other MA based trend systems? I will let you decide that :)

Supported modes:

- Trend mode: This is the default. Draws a trend line (like MA) and colors them based on the trend.
- Ribbon Mode: Shown at the bottom pane. No trend lines are drawn.
- OverlayMode: Bars are colored based on the current trend. Trend line is also displayed (default color-gray).

Complete list of all my indicators:

<https://docs.google.com/document/d/15AGC...>

List of my free indicators: <http://bit.ly/1LQaPK8>

List of my indicators at Appstore: <http://blog.tradingview.com/?p=970>

Twitter Website

#### Açık kaynak kodlu komut dosyası

Gerçek TradingView ruhuyla, bu betiğin yazarı, yatırımcının anlayabilmesi ve doğrulayabilmesi için onu açık kaynak olarak yayınladı. Yazarın eline sağlığı! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yeniden kullanımı [Kullanım Koşulları](#) ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

#### Feragatname

Bilgi ve yayınlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler anlamına gelmez ve teşkil etmez. [Kullanım Şartları](#)nda daha fazlasını okuyun.

Bu komut dosyasını bir grafikte kullanmak ister misiniz?

★ Favori göstergelere ekle

```
1 //
2 // @author LazyBear
3 // List of all my indicators:
4 // https://docs.google.com/document/d/15AGCuf72BCIUvuf739N-1Kns88gkMOKBCvBjMEVw5HLo/edit?usp=sharing
5 //
6 study(title="Coral Trend Indicator [LazyBear]", shorttitle="CTI_LB", overlay=true)
7 src=close
8 sm=input(21, title="Smoothing Period")
9 cd=input(0.4, title="Constant D")
10 ebc=input(false, title="Color Bars")
11 ribm=input(false, title="Ribbon Mode")
12 di=(sm-1.0)/2.0+1.0
13 c1=2/(di+1.0)
14 c2=1-c1
15 c3=3.0*(cd*cd+cd*cd*cd)
16 c4=-3.0*(2.0*cd*cd+cd*cd*cd)
17 c5=3.0*cd+1.0*cd*cd*cd+3.0*cd*cd
18 i1=c1*src+c2*nz(i1[1])
19 i2=c1*i1+c2*nz(i2[1])
20 i3=c1*i2+c2*nz(i3[1])
21 i4=c1*i3+c2*nz(i4[1])
22 i5=c1*i4+c2*nz(i5[1])
23 i6=c1*i5+c2*nz(i6[1])
24
25 bfr=-cd*cd*cd*i6+c3*(i5)+c4*(i4)+c5*(i3)
26 // -----
27 // For the Pinescript coders: Determining trend based on the mintick step.
28 // -----
29 //bfrC=bfr-nz(bfr[1])>syminfo.mintick?green:bfr-nz(bfr[1])<syminfo.mintick?red:blue
30 bfrC=bfr>nz(bfr[1])?green:bfr<nz(bfr[1])?red:blue
31 tc=ebc?gray:bfrC
32 plot(ribm?na:bfr, title="Trend", linewidth=3, style=circles, color=tc)
33 bgcolor(ribm?bfrC:na, transp=50)
34 barcolor(ebc?bfrC:na)
```

## Yorumlar

Yararlı veya teşekkür edici bir yorum bırakın. Piyasalara birlikte hakim olalım

Alkışlarla yorum

Yorum Paylaş

**LifeDecoded** PREMIUM · Nis 18, 2020 ·

Hey @LazyBear this is such a great indicator. is it possible to add alerts to it for when the trend direction changes?  
+18 [Cevap Gönder](#)

**GermanTrader** · Oca 14, 2015 ·

Since it is a trend indicator it lags with default settings, but the Ribbon mode is very useful.  
+9 [Cevap Gönder](#)

**cooney\_s** PREMIUM · Oca 15, 2015 ·



I plugged in a couple of Constants that I use....0.739 and 0.886. And these to the default for a Multi Time Frame effect which will confirm your bias in trade direction. I offer just a simple example of how 1.) When all three signals agree its safe to look for trades in that directional bias short or long. 2.) Once a bias is established, look for value in divergence price bars that close against the perceived trend. 3.) Mark the closing price where the 3 signals agree with a horizontal ray....best trades are those with no draw down due to good timing execution which usually takes place AFTER a test/retrace. This example shows how the given signal offered a trading range of over 3% to work Long trades.

+8 [Cevap Gönder](#)

**GermanTrader** · Oca 15, 2015 ·

I had a similar idea to compare the Indicator by itself and tested this by only changing the periods not the constant and this really works to filter out the strongest trend.  
 [Cevap Gönder](#)

**cooney\_s** PREMIUM · Oca 15, 2015 ·

Off the top of my head I think it would be better to keep the periods the same, this way its apples to apples. I've done some work with other ind's that have this same ability. Proves to be better this way, at least in the MTF fashion, getting all three speeds to compliment each other is the advantage in the signal.

+1 [Cevap Gönder](#)

**LazyBear** WIZARD · Oca 16, 2015 ·

Nice, I built this as a separate indicator, but I like how visual yours looks.



+13 [Cevap Gönder](#)

**SirNoseDvoidoffunk** · Oca 18, 2015 ·

Any chance of releasing this as well?  
+12 [Cevap Gönder](#)

**grahvity** · Oca 14, 2015 ·

And when a whole candle body fits in between the circles, the trend is accelerating.  
+6 [Cevap Gönder](#)

**LazyBear** WIZARD · Oca 14, 2015 ·

+1 for noticing that.  
+6 [Cevap Gönder](#)

**Thezilla** PREMIUM · Oca 24, 2020 ·

@grahvity, I don't see this... or i'm not understanding what you mean  
 [Cevap Gönder](#)

**grahvity** · Şub 5, 2020 ·

@Thezilla, I'm not sure what I was looking at back then, sorry.  
 [Cevap Gönder](#)

**Arthor2752** · Ağu 31, 2020 ·

please provide version 4 of this indicator:]

for algo trading  
+4 [Cevap Gönder](#)

**siddmuk2005** **PREMIUM** · Haz 18, 2020 ·

You are my Inspiration. You are just awesome.

+1 [Cevap Gönder](#)

**E** **ersnylm** · Nis 16 ·

Hi @LazyBear

I am using Coral Trend Indicator for support and resistance.

I'm doing scalp trading. (5 minutes and 15 minutes chart.)

Can you give advice on values and usage?

Also sorry my english is not very good

[Cevap Gönder](#)

**bilgerat** · Eki 13, 2021 ·

i am trying to convert it to v4, can you help me in line 18, it says i1 undeclared identifier

[Cevap Gönder](#)

**B** **basariliadam33** · Eki 6, 2021 ·

Eline sağlık tembel ayı.

[Cevap Gönder](#)

**B** **bnb070707** **PREMIUM** · Ağu 24, 2021 ·

hello,

I would like to say thanks for all your work, they are really helpful

I did include this into my strategy but it gives me error by saying that i1 is not defined . I think since we didnt define i1 in the first place , it is having difficulty to calculate i1 (i1 = c1\*src + c2\*nz(i1)) when first i1 calculation, do you have any idea to fix it.

thank you so much in advance

[Cevap Gönder](#)

**G** **Gaurav2687** · May 31, 2021 ·

Dear Sir/ Ma'am, can I use it for India stock market NSE,, can you please show a back test on India's top company RELIANCE Industries LTD. My mail is gvpl1983@yahoo.com.

[Cevap Gönder](#)

**B** **bullishjuan90** **PREMIUM** · Oca 7, 2021 ·

Thanks for your work! Could you possibly add buy and sell signals to this indicator?

[Cevap Gönder](#)

**CryptoXpress** **PRO** · Kas 23, 2020 ·

I compare this Indicator with MA, EMA, the Coral Trend Indicator is much more stable than others. I just curious is It this indicator in MT4 also call Coral Trend?

[Cevap Gönder](#)

**cooney\_s** **PREMIUM** · Oca 15, 2015 ·

[fxcodebase.com/code/download/file.php?id=4220&mode=view](https://fxcodebase.com/code/download/file.php?id=4220&mode=view)

A two indicator with separate Constants crossover seems to have merit.

[Cevap Gönder](#)

**LazyBear** **WIZARD** · Oca 16, 2015 ·

Thanks for the info.

[Cevap Gönder](#)

**dilip\_r** · Oca 14, 2015 ·

could u please explain how different is it from "CM\_Ultimate\_MA\_MTF\_V2"

[Cevap Gönder](#)

**LazyBear** **WIZARD** · Oca 14, 2015 ·

Ultimate\_MA is MA with coloring based on the direction (so, the lag depends on the MA calculation).

CTI is primarily for trend filtering. I'd suggest not to use it as a xMA (EMA/SMA/WMA/...) replacement.

+1 [Cevap Gönder](#)

**GermanTrader** · Oca 14, 2015 ·

What exactly does the Coral Trend Indicator calculate to determine the current trend? I don't see typical EMA/SMA moving averages in the code.

And what is the "Constant D" of 0.4? What happens if I change the value to 0.2 or 0.6? What does it amplify in the calculation?

+3 [Cevap Gönder](#)

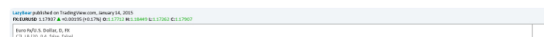
**LazyBear** **WIZARD** · Oca 14, 2015 ·

Since I am not the original developer of CoralTrend formula, I don't want to hazard a guess on its internal machinations.

BTW, constant D can be used to highlight the price momentum. For ex.,



For the same D, length can be adjusted to bring out the shorter cycles in the current trend. For ex.,





+5 ▲ Cevap Gönder



**GermanTrader** · Ocak 14, 2015 · 0 0 0

Thank you very much for this explanation. Now I will optimize both values to my favor.

▲ Cevap Gönder



**GermanTrader** · Ocak 15, 2015 · 0 0 0

It took me some time to research it, but I finally found the source of this indicator:

"The THV Coral is a multi-colored triple exponential moving average (Trix). "

[pipware.com/software/thv/coral.html](http://pipware.com/software/thv/coral.html)

+11 ▲ Cevap Gönder



**LazyBear** WIZARD · Ocak 15, 2015 · 0 0 0

Thanks for the info.

+1 ▲ Cevap Gönder



**Alphaoptions** · Ocak 15, 2015 · 0 0 0

Great idea to combine the two settings!

▲ Cevap Gönder