

Trend Analysis   Volume   Volatility   TICK   tickchart   Candlestick analysis   lonesomethelblue

87   82   4425

Mar 18, 2021 Hello All,

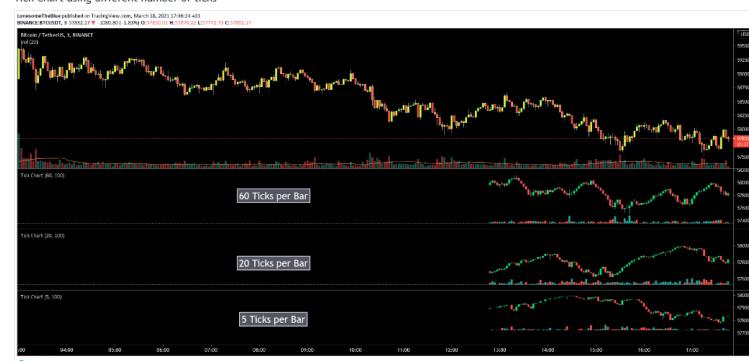
Tick Chart is created using ticks and each candlestick in Tick Chart shows the price variation of X consecutive ticks (X : Number of Ticks Per Candle). for example if you set Number of Ticks Per Candle = 100 then each candlestick is created using 100 ticks. so, Tick Charts are NOT time-based charts (like Renko or Point & Figure Charts). Tick is the price change in minimum time Interval defined in the platform. There are several advantages of Tick Charts. You can find many articles about Tick Charts on the net.

Tick Chart only works on realtime bars.

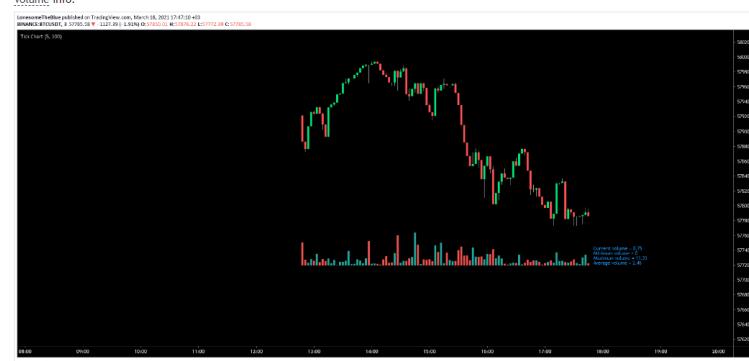
You can set "Number of Ticks Per Candle" and "Number of Candles" using options. You can change color of body, wicks abd volume bars as well.

The script shows current, minimum, maximum and average volumes. It also shows OHLC values on the last candle.

Tick Chart using different number of ticks



Volume Info:



Enjoy!

Mar 22, 2021 Sürüm Notları:

- Precision added for the volume panel

Mar 22, 2021 Sürüm Notları: "Remaining Tick" info added  
Ağu 7, 2021 Sürüm Notları: Added explanation

Website

#### Açık kaynak kodlu komut dosyası ⓘ

Gerekç TradingView ruyhulu, bu betiğin yazarı, yatırımcının anlayabilmesi ve doğrulanabilmesi için onu açık kaynak olarak yayınladı. Yazının eline sağılıklı Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yanında yeniden kullanım [Kullanım Koşulları](#) ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

#### Feragatname

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

Bu komut dosyasını bir grafikte kullanmak ister misiniz? ⓘ

★ FAVORİ GÖSTERGELERE EKLE

```
1 // subject to the terms of the Mozilla Public License 2.0 at https://mozilla.org/MPL/2.0/
2
3
4
5 max_lines_count = 500
6 mval = 5, title = "Number of Ticks Per Candle", minval = 1, group = "Setting ⓘ", tooltip="Number of Ticks For Each Candle"
7 fval = 50, title = "Number of Candles", minval = 1, maxval = 160, group = "Setting ⓘ", tooltip="Number of Candles Shown on the chart"
8 val = 2, title = "Precision", minval = 0, maxval = 5, group = "Setting ⓘ", tooltip="Precision is the number of digits in a number"
9 val = color.lime, title = "Body Color", group = "Colors ⓘ", inline = "bodycolor"
10 lval = color.red, title = "", group = "Colors ⓘ", inline = "bodycolor"
11 l = #555588, title = "Wicks Color", group = "Colors ⓘ", inline = "wickcolor"
12 w = #2e6a99, title = "Volume Colors", group = "Colors ⓘ", inline = "volecolor"
13 vval = #ff5500, title = "", group = "Colors ⓘ", inline = "volecolor"
14
15 varip variables. using varip is important because on each run they don't get initialized!
16 = 0
17 e_price = 0.
18 me = 0.
19 array.new_float(numcandles * 4) // O: 0, H: 1, L: 2, C: 3
20 array.new_float(numcandles, 0)
21
22
23 e in realtime bar
24
25 e_count + 1
26
27 index
28 lume
29 i: close
30
31 dle_array, x, last_close_price)
32
33 variables
34
35 me_array, 0) |= 0
36 = array.get(volume_array, 0)
37
38 = volume
39 := close
40
41 ticks then get the values, otherwise sum/keep them
42 bar
43 _index
44 4
45 hft(candle_array, last_close_price)
46 (candle_array)
47 (volume_array, 0)
48 une_array
49 := close
50 lume
51
52
53 array, 0, volume - last_volume)
54 array, 3, close)
55 array, 1, max(array.get(candle_array, 1), close))
56 array, 2, min(array.get(candle_array, 2), close))
57 := close
58 or_index
59 cknum + 1
60
61
62 y.get(candle_array, 1)
63 y.get(candle_array, 2)
64 es - 1
65 get(candle_array, x * 4))
66 w(maxlevel, array.get(candle_array, x * 4 + 1))
67 lrl(minlevel, array.get(candle_array, x * 4 + 2))
68
69 eval - minlevel) / 5 // max volume level
70 l - channel_width * 1.2
71
72
73 1 = bar_index, y1 = volzeroline, x2 = bar_index - 1, y2 = volzeroline, color = color.white, style = line.style_dotted, extend = extend.both)
74
75
76
77
78 ng(val, '#')
79 i -- 1
80 ng(val, '#.#')
81 i -- 2
82 ng(val, '#.##')
83 i -- 3
84 ng(val, '#.###')
85 i -- 4
86 ng(val, '#.####')
87
88 ng(val, '#.####')
89
90
91
92 label.new(bar_index, 0, text = "", style = label.style_label_left, textAlign = text.align_left, color = color.new(color.white, 100), textColor = color.blue)
93 new_line(numcandles * 3) // body:0, wicks: 1, 2: 2
94
95 y.size(candles) - 1
96 array.pop(candles)
97
98 e10
99 .
100 .
101
102 candles - 1
103 (candles,
104 line.new(x1 = bar_index - x,
105 y1 = array.get(candle_array, x * 4 + 1),
106 x2 = bar_index - x,
107 y2 = array.get(candle_array, x * 4 + 2),
108 color = wickcol,
109 width = 1))
110 (array.get(candle_array, x * 4) - array.get(candle_array, x * 4 + 3)) < syminfo.mintick * 2 ? syminfo.mintick * 2 : 0,
111 (candles,
112 line.new(x1 = bar_index - x,
113 y1 = array.get(candle_array, x * 4),
114 x2 = bar_index - x,
115 y2 = array.get(candle_array, x * 4 + 3) + mindist,
116 color = array.get(candle_array, x * 4 + 3) >= array.get(candle_array, x * 4) ? bodyupcol : bodydowncol,
117 width = 1))
```

```

120    w1_width = array.get(volume_array, x) / array.max(volume_array)
121    candles,
122    line.new(x1 = bar_index - x,
123            y1 = volzeroLine,
124            x2 = bar_index - x,
125            y2 = volzeroLine + bar_vol,
126            color = array.get(candle_array, x * 4 + 3) >= array.get(candle_array, x * 4) ? volupcol: voldowncol,
127            width = 3))
128
129    ey.get(candle_array, x * 4)
130    = min(min_vol, array.get(volume_array, x))
131    = max(max_vol, array.get(volume_array, x))
132    := total_vol + array.get(volume_array, x)
133    : volcnt + 1
134
135    line = " " + get_string(array.get(volume_array, 0)) + "\n"
136    line = " " + get_string(min_vol) + "\n" +
137    line = " " + get_string(max_vol) + "\n" +
138    line = " " + get_string(total_vol / volcnt) + "\n" +
139    Tick = " " + toString(ticknumber - ticknum) + " / " + toString(ticknumber) + "\n\n\n\n\n"
140
141    l_lab, txt)
142    lab, bar_index, volzeroLine)
143
144
145
146    _index ? array.get(candle_array, 0) : na, color = array.get(candle_array, 3) >= array.get(candle_array, 0) ? color.new(color.lime, 100) : color.new(color.red, 100), show_last = 1, editable = false)
147    _index ? array.get(candle_array, 1) : na, color = array.get(candle_array, 3) >= array.get(candle_array, 0) ? color.new(color.lime, 100) : color.new(color.red, 100), show_last = 1, editable = false)
148    _index ? array.get(candle_array, 2) : na, color = array.get(candle_array, 3) >= array.get(candle_array, 0) ? color.new(color.lime, 100) : color.new(color.red, 100), show_last = 1, editable = false)
149    _index ? close : na, color = array.get(candle_array, 3) >= array.get(candle_array, 0) ? color.new(color.lime, 100) : color.new(color.red, 100), show_last = 1, editable = false)
150

```

## Yorumlar



Yararlı veya teşvik edici bir yorum bırakın. Piyasalarla birlikte hakim olalım

Alkışları yorum

Yorum Paylaş

Disciple\_Of\_Shiva PRO+ · Mar 19, 2021

MY WHOLE TRADING LIFE AND TRADING PERCEPTION HAS CHANGED SINCE I STARTED USING YOUR INDICATORS.. ESPECIALLY DIVERGENCE FOR MANY INDICATORS..

500 koin

+39 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Mar 19, 2021

@Disciple\_Of\_Shiva, so nice, I am glad to help the community

+7 ▲ Cevap Gönder

Maikop PRO · Mar 19, 2021

One more great script again. Thank you 🙏, I wonder if it is possible to use on mainchart instead of volume bars?

100 koin

+14 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Mar 19, 2021

@Maikop, we will be waiting for it from Tradingview :)

+8 ▲ Cevap Gönder

IneffCapital PRO+ · Mar 19, 2021

@LonesomeTheBlue, If we can finally get tick charts on tvview it will be lifechanging for us

+8 ▲ Cevap Gönder

mscarborough PREMIUM · Mar 22, 2021

@IneffCapital, They also make MultiCharts which has tick charts. It's expensive though.

+4 ▲ Cevap Gönder

TradingSafely PREMIUM · Mar 19, 2021

Fricken PineScript RockStar

500 koin

+5 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Mar 19, 2021

@TradingSafely, ;)

▲ Cevap Gönder

scheplick PRO · Mar 22, 2021

I learned something new today and found a new chart to try

100 koin

+2 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Mar 25, 2021

@scheplick, great!

▲ Cevap Gönder

Hassonya PRO · Mar 20, 2021

cool idea and great job again :) thanks master

200 koin

+2 ▲ Cevap Gönder

LonesomeTheBlue WIZARD · Mar 22, 2021

@Hassonya, Thanks

+1 ▲ Cevap Gönder

constantine\_trading PRO · Mar 19, 2021

...  
...

WITH TREMENDOUS WORK!



+2 ▲ Cevap Gönder

LonesomeTheBlue **WIZARD** · Mar 19, 2021 [cevap](#) [m](#)

@constantine\_trading, Thank you :)

+1 ▲ Cevap Gönder

TradingView **V** · Mar 21, 2021 [cevap](#) [m](#)

Fantastic work!



+1 ▲ Cevap Gönder

LonesomeTheBlue **WIZARD** · Mar 22, 2021 [cevap](#) [m](#)

@TradingView, Thank you!

▲ Cevap Gönder

PineCoders **MOD** · Mar 18, 2021 [cevap](#) [m](#)



+1 ▲ Cevap Gönder

LonesomeTheBlue **WIZARD** · Mar 18, 2021 [cevap](#) [m](#)

@PineCoders, Thank you!

▲ Cevap Gönder

Breakout\_ **PREMIUM** · Mar 18, 2021 [cevap](#) [m](#)



+1 ▲ Cevap Gönder

LonesomeTheBlue **WIZARD** · Mar 18, 2021 [cevap](#) [m](#)

@Breakout\_, Thank you!

▲ Cevap Gönder

satofants **PREMIUM** · Nis 11, 2021 [cevap](#) [m](#)

thanks for that man!!



▲ Cevap Gönder

phlyer **PREMIUM** · Nis 9, 2021 [cevap](#) [m](#)

Thank you!! Your work here is brilliant and inspiring!! Respect!!



▲ Cevap Gönder

n\_pramod · Mar 25, 2021 [cevap](#) [m](#)

@LonesomeTheBlue Awesone Indicator !!!! Good work.

Can you please comment or add in description about how to use this tick chart and its significance .....

Thanks

+4 ▲ Cevap Gönder

blackcat1402 **PREMIUM** · Mar 19, 2021 [cevap](#) [m](#)

this is awesome!

+4 ▲ Cevap Gönder

casehakam **PRO** · Mar 22, 2021 [cevap](#) [m](#)

You are a Legend Mate.

The Time and Effort you put in is noble and I salute you for that. keep up the great work you are doing. god bless

+3 ▲ Cevap Gönder

fudasystem · Mar 22, 2021 [cevap](#) [m](#)

LEGEND

+3 ▲ Cevap Gönder

BLUECAK · Mar 21, 2021 [cevap](#) [m](#)

look great

+3 ▲ Cevap Gönder

IneffCapital **PRO+** · Mar 19, 2021 [cevap](#) [m](#)

Great ! Does this work like a regular tick chart. Meaning If I want a 233 tick chart I just set the ticks per candle? Also what is the number of candles do ?

+3 ▲ Cevap Gönder

LonesomeTheBlue **WIZARD** · Mar 22, 2021 [cevap](#) [m](#)

@IneffCapital, if you set "Number of Ticks Per Candle" = 233 then each candle would contain 233 ticks. "Number of Candles" is number of candles shown on the chart. Line function is used to show candles and there is limitation for number of lines per script, so maximum candles on the chart can be 250 (500/2)

▲ Cevap Gönder

LonesomeTheBlue **WIZARD** · Mar 22, 2021 [cevap](#) [m](#)

@LonesomeTheBlue, edit: 3 lines used per candle, 1 for body, 1 for wicks and 1 for volume. The maximum number of candles is 160. (20 lines are reserved for possible new features)

▲ Cevap Gönder

EclipsePhage **PRO+** · Mar 18, 2021 [cevap](#) [m](#)

This should literally be included in TV. Nice.

+3 ▲ Cevap Gönder

 **LonesomeTheBlue** WIZARD · Mar 18, 2021 ccs pm

@EclipsePhage, would be nice

▲ Cevap Gönder

 **Natsu** PRO · Kas 1, 2021 ccs pm

hi sorry my friend but how can use this?

+2 ▲ Cevap Gönder

 **hbheyun** PRO · Mar 27, 2021 ccs pm

Why not come up with a strategy that gives advice on buying or selling based on parameters such as MACD and RSI?

+2 ▲ Cevap Gönder

 **robbenmu** PRO+ · Mar 21, 2021 ccs pm

thank you!

+2 ▲ Cevap Gönder

 **VirtualJack** PREMIUM · Mar 19, 2021 ccs pm

What Amazing. Many thanks.

+2 ▲ Cevap Gönder

 **PineCoders** MOD · Mar 18, 2021 ccs pm

This publication is now featured in our Editors' Picks: [tradingview.com/scripts/editors-picks/](https://tradingview.com/scripts/editors-picks/).

In the name of all TradingViewers, thank you for your valuable contribution to the community, and congrats!

+2 ▲ Cevap Gönder

 **LonesomeTheBlue** WIZARD · Mar 18, 2021 ccs pm

@PineCoders, Thanks a lot!

▲ Cevap Gönder

 **Techtradetravel** · Mar 18, 2021 ccs pm

Great contribution as always !!

+2 ▲ Cevap Gönder

 **Team\_Sekoya** · Mar 18, 2021 ccs pm

Hello . Thank you for adding the volume display

+2 ▲ Cevap Gönder

 **Breakout\_** PREGAMM · Mar 18, 2021 ccs pm

Legend

+2 ▲ Cevap Gönder

 **DonovanWall** WIZARD · Mar 18, 2021 ccs pm

I'm sure many people will get good use out of this. Nice job!

+2 ▲ Cevap Gönder

 **LonesomeTheBlue** WIZARD · Mar 18, 2021 ccs pm

@DonovanWall, Thank you mate ;) I hope so.

▲ Cevap Gönder

 **aqclimber** PRO · Mar 26, 2021 ccs pm

You're the best!

+1 ▲ Cevap Gönder

 **StevenDursley** PRO+ · Mar 24, 2021 ccs pm

I love tick charts. Honestly I am amazed at what you have done here!! You have a incredible talent, this is a amazing script

+1 ▲ Cevap Gönder

 **Diggies** PRO+ · Mar 23, 2021 ccs pm

Wow!!! This is awesome. Thanks for sharing your work of a genius.

+1 ▲ Cevap Gönder

 **bowtrix** PRO+ · Mar 23, 2021 ccs pm

SO BEAUTIFUL!! I am addicted to watching it move!

+1 ▲ Cevap Gönder

 **LonesomeTheBlue** WIZARD · Mar 25, 2021 ccs pm

@bowtrix, ;)

▲ Cevap Gönder

 **scottvermast** PRO+ · May 27, 2021 ccs pm

@bowtrix, same haha

+1 ▲ Cevap Gönder

 **alysta** PREMIUM · Mar 22, 2021 ccs pm

Wow, what a script! Thanx and Respect!

+1 ▲ Cevap Gönder

 **tms\_92** · Mar 22, 2021 ccs pm

This is excellent work . Really appreciate your contribution. Is it possible for you to add ema to it.

+1 ▲ Cevap Gönder

 **traderusa1** · Mar 21, 2021 ccs pm

@LonesomeTheBlue

You are awesome !!

+1 ▲ Cevap Gönder

 **Disciple\_of\_Shiva** PRO · Mar 19, 2021 ccs pm

only half my comment got posted.. truly I pray with all my heart that God bless you and may you continue your fantastic work and keep scaling new heights!

+1 ▲ Cevap Gönder

 allenrafsan · Mar 19, 2021 

nice!!!

+1 ▲ Cevap Gönder

 Time\_Out\_2021 · Mar 18, 2021 

incredible :) thank you for publishing  
nice work  
I wish I could like this twice  
now I can finally see that fabled 1.5 day candle !!!

+1 ▲ Cevap Gönder

 z3r0day PRO+ · Mar 18, 2021 

excellent work.

+1 ▲ Cevap Gönder

 LonesomeTheBlue WIZARD · Mar 18, 2021 

@z3r0day, Thanks ;)

▲ Cevap Gönder

 Duyck WIZARD · Mar 18, 2021 

Awesome, dude!

Great work and long awaited by many!!

Gr, JD,

+1 ▲ Cevap Gönder

 LonesomeTheBlue WIZARD · Mar 18, 2021 

@Duyck, Thank you Dude ;)

▲ Cevap Gönder

 N Neur\_INVESTMENTS PREMIUM · 7 saat önce 

This is awesome. I just recently stumbled over tick charts and I'm now trying to learn how to use them. Would it be possible to get time stamps added for when a bar has closed? That would make it easier to compare it to the main chart.

▲ Cevap Gönder

 S solosignalfx PREMIUM · May 22 

WOW

▲ Cevap Gönder

 J Jake\_Condemn PRO+ · Nis 25 

I love this indicator but I have a few questions for you. I noticed when I tried to set the ticks per candle to let's say 400 it doesn't carry over. Only the current tick candle will display and I can't see anything of the previous tick candles. Also, what is the maximum number of candles can I have displayed? And sorry to be a pain but is there any way I can disable to volume down the bottom of the indicator? Thank you! And great job!

▲ Cevap Gönder

 M mandalorianknight63 · Nis 8 

This only loads as one big candle for me, its so weird. are you able to back test with this or do you need for it to load?

▲ Cevap Gönder

 G gonac30734 · Sub 18 

Fantastic work

▲ Cevap Gönder

 P PSL94 PRO · Oca 11 

@LonesomeTheBlue This is an excellent tool to use for trading, thanks for developing it. One quick ask/question. Would it be possible to add timestamps to the bars? It may be challenge to add a timestamp for each one, so maybe after regular intervals?

▲ Cevap Gönder

 D DanTrader357 PREMIUM · Ara 19, 2021 

Thank you. Trying to learn Selira Charts platform, but a little too complicated compared to Tradingview. Do you know if this Tick Chart script works with Trusted Signals?

▲ Cevap Gönder

 G gregory.mcleod1 PREMIUM · Ara 2, 2021 

Brilliant script! Will this work with Forex currency pairs?

▲ Cevap Gönder

 F finny221 · Ara 2, 2021 

thanks!

▲ Cevap Gönder

 rowenheijsden PREMIUM · Tem 28, 2021 

Nice script!

Is there a way for us to see the past tick candle his volume? This will help with finding key levels

thank you and once again very nice script!

▲ Cevap Gönder

 A rolledchange · Tem 17, 2021 

Thank you! Maybe the TV staff can make this a chart option and call it the "LTB Bars" in the chart type drop down.

▲ Cevap Gönder

 MS muthushun PRO+ · Tem 16, 2021 

One more fantastic indicator... Similarly can you plot charts based on "VOLUME", as mentioned here.

[blog.tradervue.com/tag/volume-bar-chart/](http://blog.tradervue.com/tag/volume-bar-chart/)

Thanks

▲ Cevap Gönder

 B Blink\_IF\_YOU\_Want\_ME · Haz 29, 2021 

was my question deleted? i asked what will be the difference if place the tick chart with a smaller timeframe like 5/1 second?

▲ Cevap Gönder

 felixd83 · Haz 26, 2021  

Nice indicator. But why the tick candlestick's body appear so thin on my Tradingview? They don't look like normal candlesticks like in the screenshots provided.

▲ Cevap Gönder

 da\_prince\_namibia · May 3, 2021  

brilliant...

▲ Cevap Gönder

 samouraicop · May 2, 2021  

Thank you!! I can try Bob Volman strategy. Can I add an exponential moving average on this graphic?

Thank you again!

▲ Cevap Gönder

 bginvestor  · May 1, 2021  

Hi, are the tick candles designed to overlay Indicators? Having initial issues. thx

▲ Cevap Gönder

 ungarbunga · May 1, 2021  

your indicators are gold

▲ Cevap Gönder

 keawtaroo · Nis 28, 2021  

Why can t I use it?

▲ Cevap Gönder

 trading\_CA · Nis 21, 2021  

Could you explain shortly please? :(

▲ Cevap Gönder

 trading\_CA · Nis 21, 2021  

@trading\_CA, sayin hocam kusaca açıklayabilir misin rica etsem?

▲ Cevap Gönder

 afyazsana · Nis 18, 2021  

We will be expecting this from Tradingview

▲ Cevap Gönder

 ZAQDA · Nis 9, 2021  

Great and Unique as Usual,

Thanks Master of The PineCoders

▲ Cevap Gönder

 DavidGood101 · Nis 1, 2021  

Is there any way to use this Indicator but have the candles be heiken ash?

▲ Cevap Gönder

 MrGaggi  · Mar 31, 2021  

This is great!!! Thanks for sharing your knowledge.

Suggestion: Is it possible to add average tick size basis the incoming tick data flow. May be that will help to right size tick settings for each security.

▲ Cevap Gönder

 stackersxclusive · Mar 31, 2021  

You sir are amazing

▲ Cevap Gönder

 jonnyquest  · Mar 24, 2021  

What's even more interesting is if you add RSI onto the existing pane on Tick Chart Indicator, gives an incredible price range tracking

▲ Cevap Gönder

 gopinath007777 · Mar 31, 2021  

@jonnyquest, tick chart work well on desktop app

▲ Cevap Gönder