 [Chart.js](http://docs.google.com/docs/3.9.1/)

[Home](http://docs.google.com/docs/3.9.1/)

[API](http://docs.google.com/docs/3.9.1/api/)

[Samples](http://docs.google.com/docs/3.9.1/samples/)

Ecosystem Ecosystem

* [Awesome (opens new window)](https://github.com/chartjs/awesome)
* [Slack (opens new window)](https://chartjs-slack.herokuapp.com/)
* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

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Ecosystem Ecosystem

* [Awesome (opens new window)](https://github.com/chartjs/awesome)
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* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

* API
  + [Exports](http://docs.google.com/docs/3.9.1/api/)
  + Enumerations
  + Classes
  + Interfaces
    - [ActiveDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveDataPoint.html)
    - [ActiveElement](http://docs.google.com/docs/3.9.1/api/interfaces/ActiveElement.html)
    - [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)
    - [ArcBorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/ArcBorderRadius.html)
    - [ArcElement](http://docs.google.com/docs/3.9.1/api/interfaces/ArcElement.html)
    - [ArcHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ArcHoverOptions.html)
    - [ArcOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ArcOptions.html)
    - [ArcProps](http://docs.google.com/docs/3.9.1/api/interfaces/ArcProps.html)
    - [BarControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerChartOptions.html)
    - [BarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarControllerDatasetOptions.html)
    - [BarElement](http://docs.google.com/docs/3.9.1/api/interfaces/BarElement.html)
    - [BarHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarHoverOptions.html)
    - [BarOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BarOptions.html)
    - [BarProps](http://docs.google.com/docs/3.9.1/api/interfaces/BarProps.html)
    - [BorderRadius](http://docs.google.com/docs/3.9.1/api/interfaces/BorderRadius.html)
    - [BubbleControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleControllerDatasetOptions.html)
    - [BubbleDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/BubbleDataPoint.html)
    - [CartesianScaleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CartesianScaleOptions.html)
    - [CartesianScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/CartesianScaleTypeRegistry.html)
    - [ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html)
    - [ChartComponent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartComponent.html)
    - [ChartConfiguration](http://docs.google.com/docs/3.9.1/api/interfaces/ChartConfiguration.html)
    - [ChartConfigurationCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartConfigurationCustomTypesPerDataset.html)
    - [ChartData](http://docs.google.com/docs/3.9.1/api/interfaces/ChartData.html)
    - [ChartDataCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDataCustomTypesPerDataset.html)
    - [ChartDatasetProperties](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDatasetProperties.html)
    - [ChartDatasetPropertiesCustomTypesPerDataset](http://docs.google.com/docs/3.9.1/api/interfaces/ChartDatasetPropertiesCustomTypesPerDataset.html)
    - [ChartEvent](http://docs.google.com/docs/3.9.1/api/interfaces/ChartEvent.html)
    - [ChartTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ChartTypeRegistry.html)
    - [CommonElementOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonElementOptions.html)
    - [CommonHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonHoverOptions.html)
    - [ComplexFillTarget](http://docs.google.com/docs/3.9.1/api/interfaces/ComplexFillTarget.html)
    - [ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html)
    - [CoreChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreChartOptions.html)
    - [CoreInteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreInteractionOptions.html)
    - [CoreScaleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CoreScaleOptions.html)
    - [DatasetControllerChartComponent](http://docs.google.com/docs/3.9.1/api/interfaces/DatasetControllerChartComponent.html)
    - [DateAdapter](http://docs.google.com/docs/3.9.1/api/interfaces/DateAdapter.html)
    - [Defaults](http://docs.google.com/docs/3.9.1/api/interfaces/Defaults.html)
    - [DoughnutAnimationOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutAnimationOptions.html)
    - [DoughnutController](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutController.html)
    - [DoughnutControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerChartOptions.html)
    - [DoughnutControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutControllerDatasetOptions.html)
    - [DoughnutMetaExtensions](http://docs.google.com/docs/3.9.1/api/interfaces/DoughnutMetaExtensions.html)
    - [Element](http://docs.google.com/docs/3.9.1/api/interfaces/Element.html)
    - [ElementOptionsByType](http://docs.google.com/docs/3.9.1/api/interfaces/ElementOptionsByType.html)
    - [ExtendedPlugin](http://docs.google.com/docs/3.9.1/api/interfaces/ExtendedPlugin.html)
    - [FillerControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerControllerDatasetOptions.html)
    - [FillerOptions](http://docs.google.com/docs/3.9.1/api/interfaces/FillerOptions.html)
    - [FontSpec](http://docs.google.com/docs/3.9.1/api/interfaces/FontSpec.html)
    - [GridLineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/GridLineOptions.html)
    - [InteractionItem](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionItem.html)
    - [InteractionModeMap](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionModeMap.html)
    - [InteractionOptions](http://docs.google.com/docs/3.9.1/api/interfaces/InteractionOptions.html)
    - [LayoutItem](http://docs.google.com/docs/3.9.1/api/interfaces/LayoutItem.html)
    - [LegendElement](http://docs.google.com/docs/3.9.1/api/interfaces/LegendElement.html)
    - [LegendItem](http://docs.google.com/docs/3.9.1/api/interfaces/LegendItem.html)
    - [LegendOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LegendOptions.html)
    - [LineControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerChartOptions.html)
    - [LineControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerDatasetOptions.html)
    - [LineElement](http://docs.google.com/docs/3.9.1/api/interfaces/LineElement.html)
    - [LineHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineHoverOptions.html)
    - [LineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineOptions.html)
    - [LineProps](http://docs.google.com/docs/3.9.1/api/interfaces/LineProps.html)
    - [ParsingOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ParsingOptions.html)
    - [Plugin](http://docs.google.com/docs/3.9.1/api/interfaces/Plugin.html)
    - [PluginChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PluginChartOptions.html)
    - [PluginOptionsByType](http://docs.google.com/docs/3.9.1/api/interfaces/PluginOptionsByType.html)
    - [Point](http://docs.google.com/docs/3.9.1/api/interfaces/Point.html)
    - [PointElement](http://docs.google.com/docs/3.9.1/api/interfaces/PointElement.html)
    - [PointHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointHoverOptions.html)
    - [PointOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointOptions.html)
    - [PointPrefixedHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedHoverOptions.html)
    - [PointPrefixedOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedOptions.html)
    - [PointProps](http://docs.google.com/docs/3.9.1/api/interfaces/PointProps.html)
    - [PolarAreaController](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaController.html)
    - [PolarAreaControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerChartOptions.html)
    - [PolarAreaControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PolarAreaControllerDatasetOptions.html)
    - [RadarControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/RadarControllerDatasetOptions.html)
    - [RadialLinearScale](http://docs.google.com/docs/3.9.1/api/interfaces/RadialLinearScale.html)
    - [RadialScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/RadialScaleTypeRegistry.html)
    - [Registry](http://docs.google.com/docs/3.9.1/api/interfaces/Registry.html)
    - [ScaleTypeRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/ScaleTypeRegistry.html)
    - [ScatterDataPoint](http://docs.google.com/docs/3.9.1/api/interfaces/ScatterDataPoint.html)
    - [ScriptableCartesianScaleContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableCartesianScaleContext.html)
    - [ScriptableChartContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableChartContext.html)
    - [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)
    - [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)
    - [ScriptableScaleContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableScaleContext.html)
    - [ScriptableScalePointLabelContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableScalePointLabelContext.html)
    - [ScriptableTooltipContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableTooltipContext.html)
    - [Segment](http://docs.google.com/docs/3.9.1/api/interfaces/Segment.html)
    - [Tick](http://docs.google.com/docs/3.9.1/api/interfaces/Tick.html)
    - [TickOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TickOptions.html)
    - [TimeScale](http://docs.google.com/docs/3.9.1/api/interfaces/TimeScale.html)
    - [TitleOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TitleOptions.html)
    - [Tooltip](http://docs.google.com/docs/3.9.1/api/interfaces/Tooltip.html)
    - [TooltipCallbacks](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipCallbacks.html)
    - [TooltipItem](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipItem.html)
    - [TooltipLabelStyle](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipLabelStyle.html)
    - [TooltipModel](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipModel.html)
    - [TooltipOptions](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipOptions.html)
    - [TooltipPosition](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPosition.html)
    - [TooltipPositionerMap](http://docs.google.com/docs/3.9.1/api/interfaces/TooltipPositionerMap.html)
    - [TypedRegistry](http://docs.google.com/docs/3.9.1/api/interfaces/TypedRegistry.html)
    - [VisualElement](http://docs.google.com/docs/3.9.1/api/interfaces/VisualElement.html)

[**#**](#gjdgxs) Interface: LineControllerDatasetOptions

## [**#**](#30j0zll) Hierarchy

* [ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html)
* [ScriptableAndArrayOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandarrayoptions)<[PointPrefixedOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedOptions.html), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>
* [ScriptableAndArrayOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandarrayoptions)<[PointPrefixedHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/PointPrefixedHoverOptions.html), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>
* [ScriptableOptions](http://docs.google.com/docs/3.9.1/api/#scriptableoptions)<Omit<[LineOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineOptions.html), keyof [CommonElementOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonElementOptions.html)>, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>
* [ScriptableAndArrayOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandarrayoptions)<[CommonElementOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonElementOptions.html), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>
* [ScriptableOptions](http://docs.google.com/docs/3.9.1/api/#scriptableoptions)<Omit<[LineHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineHoverOptions.html), keyof [CommonHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonHoverOptions.html)>, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>
* [ScriptableAndArrayOptions](http://docs.google.com/docs/3.9.1/api/#scriptableandarrayoptions)<[CommonHoverOptions](http://docs.google.com/docs/3.9.1/api/interfaces/CommonHoverOptions.html), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>
* [AnimationOptions](http://docs.google.com/docs/3.9.1/api/#animationoptions)<"line">  
  ↳ **LineControllerDatasetOptions**

## [**#**](#1fob9te) Properties

### [**#**](#3znysh7) animation

• **animation**: false | [AnimationSpec](http://docs.google.com/docs/3.9.1/api/#animationspec)<"line"> & { onComplete?: (event: [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)) => void ; onProgress?: (event: [AnimationEvent](http://docs.google.com/docs/3.9.1/api/interfaces/AnimationEvent.html)) => void }

#### [**#**](#2et92p0) Inherited from

AnimationOptions.animation

#### [**#**](#tyjcwt) Defined in

[index.esm.d.ts:1640 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1640)

### [**#**](#3dy6vkm) animations

• **animations**: [AnimationsSpec](http://docs.google.com/docs/3.9.1/api/#animationsspec)<"line">

#### [**#**](#1t3h5sf) Inherited from

AnimationOptions.animations

#### [**#**](#4d34og8) Defined in

[index.esm.d.ts:1650 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1650)

### [**#**](#2s8eyo1) backgroundColor

• **backgroundColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#17dp8vu) Inherited from

ScriptableAndArrayOptions.backgroundColor

#### [**#**](#3rdcrjn) Defined in

[index.esm.d.ts:1696 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1696)

### [**#**](#26in1rg) borderCapStyle

• **borderCapStyle**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<CanvasLineCap, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Line cap style. See MDN.

**default** 'butt'

#### [**#**](#lnxbz9) Inherited from

ScriptableOptions.borderCapStyle

#### [**#**](#35nkun2) Defined in

[index.esm.d.ts:1779 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1779)

### [**#**](#1ksv4uv) borderColor

• **borderColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#44sinio) Inherited from

ScriptableAndArrayOptions.borderColor

#### [**#**](#2jxsxqh) Defined in

[index.esm.d.ts:1695 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1695)

### [**#**](#z337ya) borderDash

• **borderDash**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number[], [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Line dash. See MDN.

**default** []

#### [**#**](#3j2qqm3) Inherited from

ScriptableOptions.borderDash

#### [**#**](#1y810tw) Defined in

[index.esm.d.ts:1784 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1784)

### [**#**](#4i7ojhp) borderDashOffset

• **borderDashOffset**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Line dash offset. See MDN.

**default** 0.0

#### [**#**](#2xcytpi) Inherited from

ScriptableOptions.borderDashOffset

#### [**#**](#1ci93xb) Defined in

[index.esm.d.ts:1789 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1789)

### [**#**](#3whwml4) borderJoinStyle

• **borderJoinStyle**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<CanvasLineJoin, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Line join style. See MDN.

**default** 'miter'

#### [**#**](#2bn6wsx) Inherited from

ScriptableOptions.borderJoinStyle

#### [**#**](#qsh70q) Defined in

[index.esm.d.ts:1794 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1794)

### [**#**](#3as4poj) borderWidth

• **borderWidth**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#1pxezwc) Inherited from

ScriptableAndArrayOptions.borderWidth

#### [**#**](#49x2ik5) Defined in

[index.esm.d.ts:1694 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1694)

### [**#**](#2p2csry) capBezierPoints

• **capBezierPoints**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<boolean, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

true to keep Bézier control inside the chart, false for no restriction.

**default** true

#### [**#**](#147n2zr) Inherited from

ScriptableOptions.capBezierPoints

#### [**#**](#3o7alnk) Defined in

[index.esm.d.ts:1799 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1799)

### [**#**](#23ckvvd) clip

• **clip**: number | false | [ChartArea](http://docs.google.com/docs/3.9.1/api/interfaces/ChartArea.html)

How to clip relative to chartArea. Positive value allows overflow, negative value clips that many pixels inside chartArea. 0 = clip at chartArea. Clipping can also be configured per side: clip: {left: 5, top: false, right: -2, bottom: 0}

#### [**#**](#ihv636) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[clip](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#clip)

#### [**#**](#32hioqz) Defined in

[index.esm.d.ts:70 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L70)

### [**#**](#1hmsyys) cubicInterpolationMode

• **cubicInterpolationMode**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<"default" | "monotone", [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Interpolation mode to apply.

**default** 'default'

#### [**#**](#41mghml) Inherited from

ScriptableOptions.cubicInterpolationMode

#### [**#**](#2grqrue) Defined in

[index.esm.d.ts:1804 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1804)

### [**#**](#vx1227) fill

• **fill**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[FillTarget](http://docs.google.com/docs/3.9.1/api/#filltarget) | [ComplexFillTarget](http://docs.google.com/docs/3.9.1/api/interfaces/ComplexFillTarget.html), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Both line and radar charts support a fill option on the dataset object which can be used to create area between two datasets or a dataset and a boundary, i.e. the scale origin, start or end

#### [**#**](#3fwokq0) Inherited from

ScriptableOptions.fill

#### [**#**](#1v1yuxt) Defined in

[index.esm.d.ts:1818 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1818)

### [**#**](#4f1mdlm) hidden

• **hidden**: boolean

Configures the visibility state of the dataset. Set it to true, to hide the dataset from the chart.

**default** false

#### [**#**](#2u6wntf) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[hidden](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#hidden)

#### [**#**](#19c6y18) Defined in

[index.esm.d.ts:88 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L88)

### [**#**](#3tbugp1) hoverBackgroundColor

• **hoverBackgroundColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#28h4qwu) Inherited from

ScriptableAndArrayOptions.hoverBackgroundColor

#### [**#**](#nmf14n) Defined in

[index.esm.d.ts:1702 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1702)

### [**#**](#37m2jsg) hoverBorderCapStyle

• **hoverBorderCapStyle**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<CanvasLineCap, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#1mrcu09) Inherited from

ScriptableOptions.hoverBorderCapStyle

#### [**#**](#46r0co2) Defined in

[index.esm.d.ts:1836 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1836)

### [**#**](#2lwamvv) hoverBorderColor

• **hoverBorderColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#111kx3o) Inherited from

ScriptableAndArrayOptions.hoverBorderColor

#### [**#**](#3l18frh) Defined in

[index.esm.d.ts:1701 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1701)

### [**#**](#206ipza) hoverBorderDash

• **hoverBorderDash**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number[], [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#4k668n3) Inherited from

ScriptableOptions.hoverBorderDash

#### [**#**](#2zbgiuw) Defined in

[index.esm.d.ts:1837 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1837)

### [**#**](#1egqt2p) hoverBorderDashOffset

• **hoverBorderDashOffset**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#3ygebqi) Inherited from

ScriptableOptions.hoverBorderDashOffset

#### [**#**](#2dlolyb) Defined in

[index.esm.d.ts:1838 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1838)

### [**#**](#sqyw64) hoverBorderJoinStyle

• **hoverBorderJoinStyle**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<CanvasLineJoin, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#3cqmetx) Inherited from

ScriptableOptions.hoverBorderJoinStyle

#### [**#**](#1rvwp1q) Defined in

[index.esm.d.ts:1839 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1839)

### [**#**](#4bvk7pj) hoverBorderWidth

• **hoverBorderWidth**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#2r0uhxc) Inherited from

ScriptableAndArrayOptions.hoverBorderWidth

#### [**#**](#1664s55) Defined in

[index.esm.d.ts:1700 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1700)

### [**#**](#3q5sasy) indexAxis

• **indexAxis**: "x" | "y"

The base axis of the chart. 'x' for vertical charts and 'y' for horizontal charts.

**default** 'x'

#### [**#**](#25b2l0r) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[indexAxis](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#indexaxis)

#### [**#**](#kgcv8k) Defined in

[index.esm.d.ts:66 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L66)

### [**#**](#34g0dwd) label

• **label**: string

The label for the dataset which appears in the legend and tooltips.

#### [**#**](#1jlao46) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[label](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#label)

#### [**#**](#43ky6rz) Defined in

[index.esm.d.ts:74 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L74)

### [**#**](#2iq8gzs) normalized

• **normalized**: boolean

Chart.js is fastest if you provide data with indices that are unique, sorted, and consistent across datasets and provide the normalized: true option to let Chart.js know that you have done so.

#### [**#**](#xvir7l) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[normalized](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#normalized)

#### [**#**](#3hv69ve) Defined in

[index.esm.d.ts:58 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L58)

### [**#**](#1x0gk37) order

• **order**: number

The drawing order of dataset. Also affects order for stacking, tooltip and legend.

#### [**#**](#4h042r0) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[order](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#order)

#### [**#**](#2w5ecyt) Defined in

[index.esm.d.ts:78 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L78)

### [**#**](#1baon6m) parsing

• **parsing**: false | { [key: string]: string; }

How to parse the dataset. The parsing can be disabled by specifying parsing: false at chart options or dataset. If parsing is disabled, data must be sorted and in the formats the associated chart type and scales use internally.

#### [**#**](#3vac5uf) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[parsing](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#parsing)

#### [**#**](#2afmg28) Defined in

[index.esm.d.ts:49 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L49)

### [**#**](#pkwqa1) pointBackgroundColor

• **pointBackgroundColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The fill color for points.

#### [**#**](#39kk8xu) Inherited from

ScriptableAndArrayOptions.pointBackgroundColor

#### [**#**](#1opuj5n) Defined in

[index.esm.d.ts:1919 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1919)

### [**#**](#48pi1tg) pointBorderColor

• **pointBorderColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The border color for points.

#### [**#**](#2nusc19) Inherited from

ScriptableAndArrayOptions.pointBorderColor

#### [**#**](#1302m92) Defined in

[index.esm.d.ts:1923 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1923)

### [**#**](#3mzq4wv) pointBorderWidth

• **pointBorderWidth**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The width of the point border in pixels.

#### [**#**](#2250f4o) Inherited from

ScriptableAndArrayOptions.pointBorderWidth

#### [**#**](#haapch) Defined in

[index.esm.d.ts:1927 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1927)

### [**#**](#319y80a) pointHitRadius

• **pointHitRadius**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The pixel size of the non-displayed point that reacts to mouse events.

#### [**#**](#1gf8i83) Inherited from

ScriptableAndArrayOptions.pointHitRadius

#### [**#**](#40ew0vw) Defined in

[index.esm.d.ts:1931 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1931)

### [**#**](#2fk6b3p) pointHoverBackgroundColor

• **pointHoverBackgroundColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Point background color when hovered.

#### [**#**](#upglbi) Inherited from

ScriptableAndArrayOptions.pointHoverBackgroundColor

#### [**#**](#3ep43zb) Defined in

[index.esm.d.ts:1950 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1950)

### [**#**](#1tuee74) pointHoverBorderColor

• **pointHoverBorderColor**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Point border color when hovered.

#### [**#**](#4du1wux) Inherited from

ScriptableAndArrayOptions.pointHoverBorderColor

#### [**#**](#2szc72q) Defined in

[index.esm.d.ts:1954 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1954)

### [**#**](#184mhaj) pointHoverBorderWidth

• **pointHoverBorderWidth**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Border width of point when hovered.

#### [**#**](#3s49zyc) Inherited from

ScriptableAndArrayOptions.pointHoverBorderWidth

#### [**#**](#279ka65) Defined in

[index.esm.d.ts:1958 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1958)

### [**#**](#meukdy) pointHoverRadius

• **pointHoverRadius**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The radius of the point when hovered.

#### [**#**](#36ei31r) Inherited from

ScriptableAndArrayOptions.pointHoverRadius

#### [**#**](#1ljsd9k) Defined in

[index.esm.d.ts:1962 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1962)

### [**#**](#45jfvxd) pointRadius

• **pointRadius**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The radius of the point shape. If set to 0, the point is not rendered.

#### [**#**](#2koq656) Inherited from

ScriptableAndArrayOptions.pointRadius

#### [**#**](#zu0gcz) Defined in

[index.esm.d.ts:1935 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1935)

### [**#**](#3jtnz0s) pointRotation

• **pointRotation**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

The rotation of the point in degrees.

#### [**#**](#1yyy98l) Inherited from

ScriptableAndArrayOptions.pointRotation

#### [**#**](#4iylrwe) Defined in

[index.esm.d.ts:1939 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1939)

### [**#**](#2y3w247) pointStyle

• **pointStyle**: [ScriptableAndArray](http://docs.google.com/docs/3.9.1/api/#scriptableandarray)<[PointStyle](http://docs.google.com/docs/3.9.1/api/#pointstyle), [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Style of the point.

#### [**#**](#1d96cc0) Inherited from

ScriptableAndArrayOptions.pointStyle

#### [**#**](#3x8tuzt) Defined in

[index.esm.d.ts:1943 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1943)

### [**#**](#2ce457m) segment

• **segment**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<{ backgroundColor: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> ; borderCapStyle: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<CanvasLineCap, [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> ; borderColor: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<[Color](http://docs.google.com/docs/3.9.1/api/#color), [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> ; borderDash: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number[], [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> ; borderDashOffset: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> ; borderJoinStyle: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<CanvasLineJoin, [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> ; borderWidth: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableLineSegmentContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableLineSegmentContext.html)> }, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

#### [**#**](#rjefff) Inherited from

ScriptableOptions.segment

#### [**#**](#3bj1y38) Defined in

[index.esm.d.ts:1824 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1824)

### [**#**](#1qoc8b1) showLine

• **showLine**: boolean

#### [**#**](#4anzqyu) Defined in

[index.esm.d.ts:203 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L203)

### [**#**](#2pta16n) spanGaps

• **spanGaps**: number | boolean

If true, lines will be drawn between points with no or null data. If false, points with NaN data will create a break in the line. Can also be a number specifying the maximum gap length to span. The unit of the value depends on the scale used.

**default** false

#### [**#**](#14ykbeg) Overrides

ScriptableOptions.spanGaps

#### [**#**](#3oy7u29) Defined in

[index.esm.d.ts:201 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L201)

### [**#**](#243i4a2) stack

• **stack**: string

The ID of the group to which this dataset belongs to (when stacked, each group will be a separate stack).

#### [**#**](#j8sehv) Inherited from

[ControllerDatasetOptions](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html).[stack](http://docs.google.com/docs/3.9.1/api/interfaces/ControllerDatasetOptions.html#stack)

#### [**#**](#338fx5o) Defined in

[index.esm.d.ts:83 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L83)

### [**#**](#1idq7dh) stepped

• **stepped**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<boolean | "middle" | "before" | "after", [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

true to show the line as a stepped line (tension will be ignored).

**default** false

#### [**#**](#42ddq1a) Inherited from

ScriptableOptions.stepped

#### [**#**](#2hio093) Defined in

[index.esm.d.ts:1814 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1814)

### [**#**](#wnyagw) tension

• **tension**: [Scriptable](http://docs.google.com/docs/3.9.1/api/#scriptable)<number, [ScriptableContext](http://docs.google.com/docs/3.9.1/api/interfaces/ScriptableContext.html)<"line">>

Bézier curve tension (0 for no Bézier curves).

**default** 0

#### [**#**](#3gnlt4p) Inherited from

ScriptableOptions.tension

#### [**#**](#1vsw3ci) Defined in

[index.esm.d.ts:1809 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1809)

### [**#**](#4fsjm0b) transitions

• **transitions**: [TransitionsSpec](http://docs.google.com/docs/3.9.1/api/#transitionsspec)<"line">

#### [**#**](#2uxtw84) Inherited from

AnimationOptions.transitions

#### [**#**](#1a346fx) Defined in

[index.esm.d.ts:1651 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L1651)

### [**#**](#3u2rp3q) xAxisID

• **xAxisID**: string

The ID of the x axis to plot this dataset on.

#### [**#**](#2981zbj) Defined in

[index.esm.d.ts:191 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L191)

### [**#**](#odc9jc) yAxisID

• **yAxisID**: string

The ID of the y axis to plot this dataset on.

#### [**#**](#38czs75) Defined in

[index.esm.d.ts:195 (opens new window)](https://github.com/chartjs/Chart.js/blob/5ea4b3a/types/index.esm.d.ts#L195)

←  [LineControllerChartOptions](http://docs.google.com/docs/3.9.1/api/interfaces/LineControllerChartOptions.html)   [LineElement](http://docs.google.com/docs/3.9.1/api/interfaces/LineElement.html)  →