#### dataBar (Data Bar)

Describes a data bar conditional formatting rule.

[Example:

In this example a data bar conditional [format](format.docx) is expressed, which spreads across all [cell](cell.docx) values in the [cell](cell.docx) range, and whose [color](color.docx) is blue.

<dataBar>  
 <[cfvo](cfvo.docx) type="min" [val](val.docx)="0"/>  
 <[cfvo](cfvo.docx) type="max" [val](val.docx)="0"/>  
 <[color](color.docx) rgb="FF638EC6"/>  
</dataBar>

end example]

The length of the data bar for any [cell](cell.docx) can be calculated as follows:

Data bar length = minLength + (cell value - minimum value in the range) / (maximum value in the range - minimum value in the range) \* (maxLength - minLength),

where min and max length are a fixed percentage of the column width (by default, 10% and 90% respectively.)

The minimum difference in length (or increment amount) is 1 pixel.

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| --- |
| Parent Elements |
| [cfRule](cfRule.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [cfvo](cfvo.docx) (Conditional Format Value Object) | § |
| [color](color.docx) (Data Bar Color) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| maxLength (Maximum Length) | The maximum length of the data bar, as a percentage of the [cell](cell.docx) width.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| minLength (Minimum Length) | The minimum length of the data bar, as a percentage of the [cell](cell.docx) width.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| showValue (Show Values) | Indicates whether to show the values of the cells on which this data bar is applied.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |

The following XML [Schema](Schema.docx) fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_DataBar">

<sequence>

<element name="[cfvo](cfvo.docx)" type="CT\_Cfvo" minOccurs="2" maxOccurs="2"/>

<element name="[color](color.docx)" type="CT\_Color" minOccurs="1" maxOccurs="1"/>

</sequence>

<attribute name="minLength" type="xsd:unsignedInt" use="optional" default="10"/>

<attribute name="maxLength" type="xsd:unsignedInt" use="optional" default="90"/>

<attribute name="showValue" type="xsd:boolean" use="optional" default="true"/>

</complexType>