Table 4.7: Settings for Counter Meta-Characters

| Key name | Description |
|---|---|
| `char=`⟨*char*⟩ | Defines the given ⟨*char*⟩ to be a counter meta-character. If it is a upper case character the lower case character will produce the same output but with the half width, as long this is not overwritten with the `half with char` key. |
| `half width char=`⟨*char*⟩ | Defines the given ⟨*char*⟩ to be the half width version of the counter value. By default this is the lower case version of the counter character given with `char`. An empty value for ⟨*char*⟩ deactivates the definition of a half width character. |
| `reset char=`⟨*char*⟩ | Defines the given ⟨*char*⟩ to (re-)set the counter value to the 'width' of the character, i.e. the number preceding it. The lower case version of the reset ⟨*char*⟩ is not defined. |
| `reset type=`⟨*width—arg—both—Both*⟩ | Defines the type of the reset character, i.e. how the reset value is obtained.<br>`width` Width is reset value: '⟨*value*⟩⟨*char*⟩', e.g. '`0R`'. Value can not be negative.<br>`arg` Reset value is provided as argument: '⟨*char*⟩`{`⟨*value*⟩`}`', e.g. '`R{-1}`'.<br>`both` Uppercase ⟨*char*⟩ is `width`-type, lowercase ⟨*char*⟩ is `arg`-type reset char.<br>`Both` Lowercase ⟨*char*⟩ is `width`-type, uppercase ⟨*char*⟩ is `arg`-type reset char. |
| `base=`⟨*Num 2-36*⟩ | Defines the numeric base of the counter. If not used the base 10 is used. |
| `increment=`⟨*pgfmath expression*⟩ | Sets the increment which is added every time the counter character is used. This can be a formula which result is truncated to a integer. The current counter value can be referenced as `\N`. The increment can be negative which causes the counter to count down. Default: 1 |
| `max value=`⟨*pgfmath expression*⟩ | Sets the maximum counter value. Default: *not set* |
| `min value=`⟨*pgfmath expression*⟩ | Sets the minimum counter value. Default: *not set* |
| `wraps=`⟨*true—false*⟩ | If set to `true` the counter wraps around, i.e. it counts to the minimum value when counting over the maximum value or the other way around if `increment` is negative. Initial value: `false`. Default value: `true` |
| `bg style=`⟨*TikZ style(s)*⟩ | Sets the background style of the counter. |
| `fg style=`⟨*TikZ style(s)*⟩ | Sets the foreground (line etc.) style of the counter. |
| `text style=`⟨*TikZ style(s)*⟩ | Sets the text style of the counter. |
| `text format=`⟨*TEXcode*⟩ | Sets the format code of the counter value. This should be a macro which receives the counter value as first argument. |