

LEGEND ... COLOR**PURPOSE**

Specifies the color of the legends to appear on subsequent plots. See the Color chapter for a list of available colors.

DESCRIPTION

The legends are the text which the analyst can position anywhere (via the LEGEND ... COORDINATES command) on a plot. The legends appear on all subsequent plots until blanked out (via a LEGEND command with no arguments) or until overridden with new legends. 100 such legends can be specified. The legend colors hold for all subsequent plots until defaulted (via the LEGEND ... COLOR command with no arguments) or until overridden with new legend colors.

SYNTAX

LEGEND <id> COLOR <color>

where <id> is an integer number or parameter in the range 1 to 100 that specifies the legend identifier;

and <color> is a string or an integer number or parameter that specifies the desired legend color.

EXAMPLES

LEGEND 1 COLOR YELLOW

LEGEND 2 COLOR BLACK

LEGEND 1 COLOR

LEGEND 1 COLOR 6

LEGEND COLOR

NOTE

A LEGEND ... COLOR command with no color reverts the color to default. Thus LEGEND 1 COLOR with no color reverts the color of legend 1 to default. A LEGEND ... COLOR command with no <id> refers to all 100 legends. Thus LEGEND COLOR BLUE assigns the color BLUE to all 100 legends. LABEL COLOR with no <id> and no color reverts all 100 legends to the default color.

DEFAULT

All legend colors are black.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
LEGEND	=	Specify the legends for subsequent plots.
LEGEND ANGLE	=	Sets the plot legend angles.
LEGEND CASE	=	Sets the plot legend cases.
LEGEND COORDINATES	=	Sets the plot legend locations.
LEGEND DIRECTION	=	Sets the plot legend directions.
LEGEND FONT	=	Sets the plot legend fonts.
LEGEND HW	=	Sets the plot legend heights and widths.
LEGEND JUSTIFICATION	=	Sets the plot legend justifications.
LEGEND SIZES	=	Sets the plot legend sizes.
LEGEND THICKNESS	=	Sets the plot legend line thicknesses.
TITLE COLOR	=	Sets the color for the plot title.
LABEL COLOR	=	Sets the color for plot labels.
BOX COLOR	=	Sets the color for plot boxes.
ARROW COLOR	=	Sets the color for plot arrows.
SEGMENT COLOR	=	Sets the color for plot segments.
FRAME COLOR	=	Sets the color for plot frame.
GRID COLOR	=	Sets the color for plot grids.
TIC COLOR	=	Sets the color for plot tics.
TIC LABEL COLOR	=	Sets the color for plot tic labels.
BACKGROUND COLOR	=	Sets the color for plot background.
CHARACTERS COLORS	=	Sets the colors for plot characters.
LINE COLORS	=	Sets the colors for plot lines.

COLOR = Sets the color of TEXT characters.

APPLICATIONS

Plot labeling and identification, presentation graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

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LET ID2 = DATA 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2
LET X = SEQUENCE 1 1 17
LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
.
LINE BLANK ALL
CHARACTER X1 X2 Y1 Y2
CHARACTER COLOR G50 G50 G90 G90
LEGEND 1 X - POTASSIUM
LEGEND 2 Y - LEAD
LEGEND 1 COLOR G50
LEGEND 2 COLOR G90
TITLE DEMONSTRATE LEGEND COLOR COMMAND
TITLE SIZE 5
PLOT POT X ID2 AND
PLOT LEAD X ID2
    
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