

## BOX ... COLOR

### PURPOSE

Specifies the color for the frame of a box to appear on subsequent plots (as specified via the BOX ... COORDINATES command) or boxes generated by the BOX command. Up to 100 boxes can be specified with the BOX ... COORDINATES command. See the Color chapter for a list of available colors.

### SYNTAX

BOX <id> COLOR <color>

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

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

### EXAMPLES

BOX 1 COLOR GREEN

BOX 2 COLOR BLUE

BOX 2 COLOR 8

### NOTE 1

Boxes can be generated in two ways. You can use the BOX COORDINATES command to place boxes on subsequent plots or you can use the BOX command to draw one box immediately. The BOX COLOR command is used to specify the color of the box frame in either case. When the BOX command is used, the color is set to the color of the first box (i.e., <id> is 1).

### NOTE 2

A BOX ... COLOR command with no arguments sets the box color to the default. Thus BOX 1 COLOR with no arguments sets the color for box 1 to the default. A BOX ... COLOR command with no <id> refers to all 100 boxes. Thus BOX COLOR GREEN sets the color green for all 100 boxes. BOX COLOR with no <id> and no arguments sets the default color for all 100 boxes.

### DEFAULT

All box borders are black.

### SYNONYMS

None

### RELATED COMMANDS

PLOT	=	Generates a data or function plot.
BOX CORNER COORDINATES	=	Generate a box on subsequent plots.
BOX	=	Draws a box (immediately).
BOX PATTERN	=	Sets the line styles for box borders.
BOX THICKNESS	=	Sets the line thicknesses for box borders.
BOX FILL COLOR	=	Sets the colors for box fill patterns.
BOX FILL GAP	=	Sets the spacings for box hatch patterns.
BOX FILL LINE	=	Sets the line types for box hatch patterns.
BOX FILL PATTERN	=	Sets the fill patterns for boxes.
BOX FILL THICKNESS	=	Sets the line thicknesses for box hatch patterns.
CHARACTERS COLORS	=	Sets the colors for plot characters.
LINE COLORS	=	Sets the colors for plot lines.
SPIKE COLORS	=	Sets the colors for plot spikes.
LEGEND COLOR	=	Sets the color for plot legends.
ARROW COLOR	=	Sets the color for plot arrows.
SEGMENT COLOR	=	Sets the color for plot segments.

### APPLICATIONS

Presentation Graphics

### IMPLEMENTATION DATE

Pre-1987

## PROGRAM

```

LET CARTER = DATA 66 30 11 43 44 41 35 82 54 36
LET REAGAN = DATA 26 54 84 47 51 51 52 14 36 55
LET X = DATA 1 2 3 5 6 7 8 10 11 12; LET X1 = X - 0.2; LET X2 = X + 0.2
.
YLIMITS 1 12
YTIC OFFSET 1 1; MINOR YTIC MARK NUMBER 0
YTIC MARK LABEL FORMAT ALPHA
YTIC LABEL CONTENT DEMOCRATS INDEPENDENTS REPUBLICANS SP() EAST ...
    SOUTH MIDWEST WEST SP() BLACKS HISPANICS WHITES SP()
X1LABEL PERCENT; XLIMITS 0 100
MAJOR XTIC NUMBER 11; MINOR XTIC NUMBER 1
.
LINE BLANK BLANK
BAR ON ON
BAR WIDTH 0.2 ALL; BAR DIRECTION H ALL
BAR BORDER THICKNESS 0.3 0.3; BAR BORDER COLOR G10 G90
BOX SHADOW HW 0 0
BOX THICKNESS 0.3
BOX 1 CORNER COORDINATES 70 85 73 88
BOX 1 COLOR G10
BOX 2 CORNER COORDINATES 70 80 73 83
BOX 2 COLOR G90
LEGEND JUSTIFICATION LECE
LEGEND 1 CARTER; LEGEND 1 COORDINATES 74 86.5
LEGEND 2 REAGAN; LEGEND 2 COORDINATES 74 81.5
TITLE DEMONSTRATE THE BOX COLOR COMMAND
TITLE SIZE 5
PLOT X1 CARTER AND
PLOT X2 REAGAN

```

