

CTabList

```
Cursor A ywave, 0
Print CsrXWaveRef(A) [50]           // prints value of xwave at point #50
```

See Also

[Programming With Cursors](#) on page II-321.

[Wave Reference Functions](#) on page IV-197.

CTabList

CTabList()

The CTabList function returns a semicolon-separated list of the names of built-in color tables. It is useful for creating pop-up menus in control panels.

Color tables available through Igor Pro 4:

Grays	Rainbow	YellowHot	BlueHot	BlueRedGreen
RedWhiteBlue	PlanetEarth	Terrain		

Additional color tables added for Igor Pro 5:

Grays256	Rainbow256	YellowHot256	BlueHot256	BlueRedGreen256
RedWhiteBlue256	PlanetEarth256	Terrain256	Grays16	Rainbow16
Red	Green	Blue	Cyan	Magenta
Yellow	Copper	Gold	CyanMagenta	RedWhiteGreen
BlueBlackRed	Geo	Geo32	LandAndSea	LandAndSea8
Relief	Relief19	PastelsMap	PastelsMap20	Bathymetry9
BlackBody	Spectrum	SpectrumBlack	Cycles	Fiddle
Pastels				

Additional color tables added for Igor Pro 6:

RainbowCycle	Rainbow4Cycles	GreenMagenta16	dBZ14	dBZ21
Web216	BlueGreenOrange	BrownViolet	ColdWarm	Mocha
VioletOrangeYellow	SeaLandAndFire			

Additional color tables added for Igor Pro 6.2:

Mud	Classification
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Additional color tables added for Igor Pro 9:

Turbo

See Also

[Image Color Tables](#) on page II-392, [Color Table Waves](#) on page II-399, [ColorTab2Wave](#)

CtrlBackground

CtrlBackground [key [= value]] ...

The CtrlBackground operation controls the unnamed background task.

CtrlBackground works only with the unnamed background task. New code should use named background tasks instead. See [Background Tasks](#) on page IV-319 for details.

Parameters

dialogsOK=1 or 0 If 1, your task will be allowed to run while an Igor dialog is present. This can potentially cause crashes unless your task is well-behaved.

noBurst=1 or 0 Normally (or noBurst=0), your task will be called at maximum rate if a delay causes normal run times to be missed. Using noBurst=1, will suppress this burst catch up mode.