

## CheckColorsInGamut

The **CheckColorsInGamut** function indicates whether the specified color values are within the gamut of the specified device.

```
BOOL CheckColorsInGamut(  
    HDC hdc,  
    LPVOID lpaRGBQuad,  
    LPVOID lpResult,  
    DWORD nCount  
);
```

### Parameters

*hdc*

Handle to a device context.

*lpaRGBQuad*

Pointer to an array of **RGBQUAD** structures that contains the color values to check.

*lpResult*

Pointer to an array of bytes that receives the results of the color checking.

*nCount*

Count of elements in the array.

### Return Value

If the function succeeds, the return value is TRUE.

If the function fails, the return value is FALSE.

### Remarks

For each specified color value, **CheckColorsInGamut** sets the corresponding byte in the results buffer to either CM\_IN\_GAMUT or CM\_OUT\_OF\_GAMUT.