CLAIMS:

1. A supply component for supplying consumable printing material to a printing device, wherein the supply component comprises a memory device, the memory device comprising:

corrective data corresponding with nodes of a reference color table in the printing device, in which the printing device accepts a plurality of media types for printing;

the corrective data including a plurality of residual values to transform the nodes of the reference color table to a customized color table for use with a selected media type of the plurality of media types, wherein each of the residual values represents a difference of a value of a node of the intended customized color table and a value of a node of the reference color table;

and wherein the color tables provide transformations between various color spaces.

2. The supply component of claim 1 wherein the nodes of the reference color table includes a subset of nodes of an entire set of nodes of the reference color table, and wherein the subset of nodes corresponds with an ink color of a plurality of ink colors of the printing device.

3. The supply component of claim1 wherein the supply component includes a toner cartridge corresponding with the subset of nodes.

4. The supply component of claim 1 wherein the supply component includes an ink cartridge for the printing device.

5. The supply component of claim 1 wherein the reference color table which is transformed by the corrective data to the customized color table is a multidimensional table.

6. The supply component of a claim 1, the memory device comprising:

corrective data corresponding with a set of nodes of the reference color table for the printing device, wherein the reference color table includes a plurality of output colors and the set of nodes relates to one output color of the plurality of output colors, wherein the printing device accepts a media type for printing; the corrective data including a plurality of residual values to transform the set of nodes of the reference color table to a customized color table for use with the media type.

7. The supply component of claim 6 wherein the corrective data includes a plurality of sets a plurality of residual values each corresponding with one of plurality of media types, one of the plurality of set of residual values being selectable to transform the set of nodes of the reference color table to a customized color table for use with the corresponding media type.

8. The supply component of claim 6 wherein the reference color table is a multidimensional color table.

9. The supply component of claim 6 wherein the supply component is an ink cartridge.

10. The supply component of claim 9 wherein the ink cartridge includes an ink of one output color.

11. The supply component of claim 1,
wherein the reference color table is based on a lossy compressed customized color table and wherein the corrective data includes the difference between the customized color table and a reconstructed lossy compressed customized color table.

12. The supply component of claim 11 wherein the corrective data is compressed with a lossless compression.

13. A supply component for supplying consumable printing material to a printing device, wherein the supply component comprises a memory device, the memory device, comprising:

corrective data corresponding with nodes of a reference color table in the printing device, in which the printing device accepts a plurality of media types for printing;

the corrective data including a compressed difference color table, the difference color table including a plurality of difference nodes in which each difference node represents a value that is a difference of a value of a node of an original color table and a value of corresponding node of the reference color table, the compressed difference color table compressed at a selected compression amount with a lossy compression;

the plurality of difference nodes having a set of nodes having a color difference outside an error threshold at the selected compression ratio; and

the corrective data further including corrective information for the set of nodes including a plurality of residual values to transform the nodes of the reference color table to a customized color table for use with a selected media type of the plurality of media types, the residual values to be applied to the reconstructed compressed difference color table;

wherein, in order to determine the corrective information, the compressed difference color table is reconstructed to generate an initially reconstructed difference color table, the set of residual values is to bring the nodes of the reconstructed difference color table equal to or within the error threshold;

and wherein the color tables provide transformations between various color spaces.

14. The supply component of claim 13 wherein the compressed difference color table includes quantized coefficients and the corrective information includes node location information for the set of nodes, and wherein the quantized coefficients include a step size related to the selected compression ratio.

15. The supply component of claim 13 wherein the compressed difference color table and the corrective information are further compressed with a lossless compression.

16. The supply component of claim 13 wherein the set of nodes includes all the plurality of difference nodes.

17. The supply component of claim 13 included on a supply component for a printing device, wherein the reference color table is included on a separate memory device included on the printing device, and wherein the supply component is an ink cartridge for the printing device.

18. The supply component of claim 17 wherein a coefficient bit assignment table is included on the separate memory device included on the printing device.