=== Run information ===

Scheme: weka.clusterers.SimpleKMeans -init 0 -max-candidates 100 -periodic-pruning 10000 -min-density 2.0 -t1 -1.25 -t2 -1.0 -N 2 -A "weka.core.EuclideanDistance -R first-last" -I 500 -num-slots 1 -S 10
Relation: indcarpet
Instances: 311252
Attributes: 4
                 R
                 G
                 B
Ignored:
                 img_name
Test mode: Classes to clusters evaluation on training data

=== Clustering model (full training set) ===

kMeans
======

Number of iterations: 16
Within cluster sum of squared errors: 10166.699477017733

Initial starting points (random):

Cluster 0: 112,102,75
Cluster 1: 160,136,98

Missing values globally replaced with mean/mode

Final cluster centroids:

| | | Cluster# | |
| Attribute | Full Data | 0 | 1 |
	(311252.0)	(146326.0)	(164926.0)
R	170.8548	131.9716	205.3528
G	140.5352	93.4818	182.2821
B	107.6786	62.3463	147.8985

Time taken to build model (full training data) : 2.15 seconds

=== Model and evaluation on training set ===

Clustered Instances

0   146326 (47%)
1   164926 (53%)

Class attribute: img_name
Classes to Clusters:

        0   1   <-- assigned to cluster

50474 53817 | image1.1.jpg
47142 55652 | image1.2.jpg
24774 28893 | image1.3.jpg
23936 26564 | image1.4.jpg

Cluster 0 <-- image1.1.jpg
Cluster 1 <-- image1.2.jpg

Incorrectly clustered instances :   205126.0   65.9035 %