```
done in 103.940s
Best estimator found by grid search:
SVC(C=1000.0, cache_size=200, class_weight='balanced', coef0=0.0,
  decision_function_shape='ovr', degree=3, gamma=0.001, kernel='rbf',
  max_iter=-1, probability=False, random_state=None, shrinking=True,
  tol=0.001, verbose=False)
Predicting the people names on the testing set
done in 0.356s
```

	precision	recall	f1-score	support
Ariel Sharon	0.64	0.69	0.67	13
Colin Powell	0.75	0.90	0.82	60
Donald Rumsfeld	0.82	0.67	0.73	27
George W Bush	0.91	0.92	0.91	146
Gerhard Schroeder	0.87	0.80	0.83	25
Hugo Chavez	0.80	0.53	0.64	15
Tony Blair	0.82	0.78	0.80	36
avg / total	0.84	0.84	0.84	322

```
[[  9   1   1   2   0   0   0]
 [  1  54   2   2   0   1   0]
 [  2   3  18   3   0   0   1]
 [  1   6   1 134   1   1   2]
 [  0   2   0   1  20   0   2]
 [  0   4   0   2   0   8   1]
 [  1   2   0   3   2   0  28]]
```


predicted: Bush
true: Bush

predicted: Bush
true: Bush

predicted: Blair
true: Blair

predicted: Bush
true: Bush

predicted: Bush
true: Bush

predicted: Bush
true: Bush

predicted: Schroeder
true: Schroeder

predicted: Powell
true: Powell

predicted: Bush
true: Bush

predicted: Bush
true: Bush

predicted: Bush
true: Bush

predicted: Bush
true: Bush

eigenface 0

eigenface 1

eigenface 2

eigenface 3

eigenface 4

eigenface 5

eigenface 6

eigenface 7

eigenface 8

eigenface 9

eigenface 10

eigenface 11