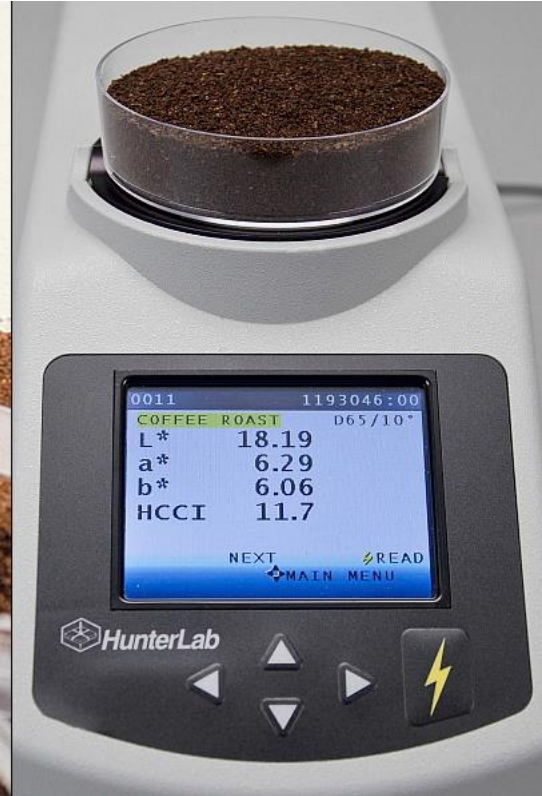




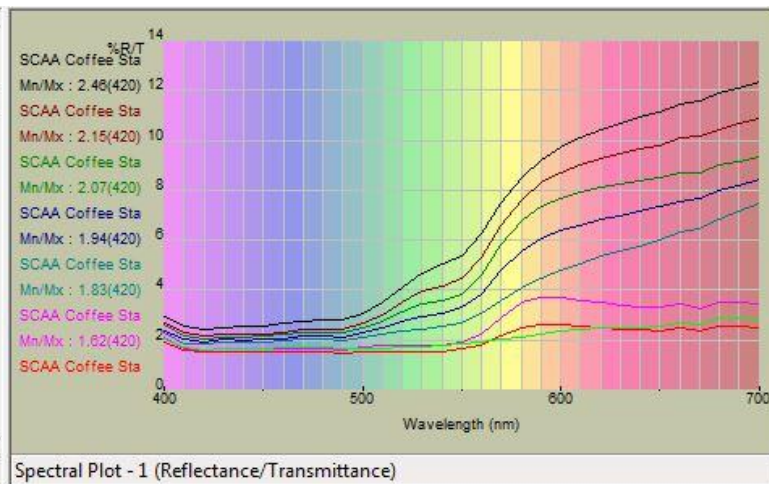
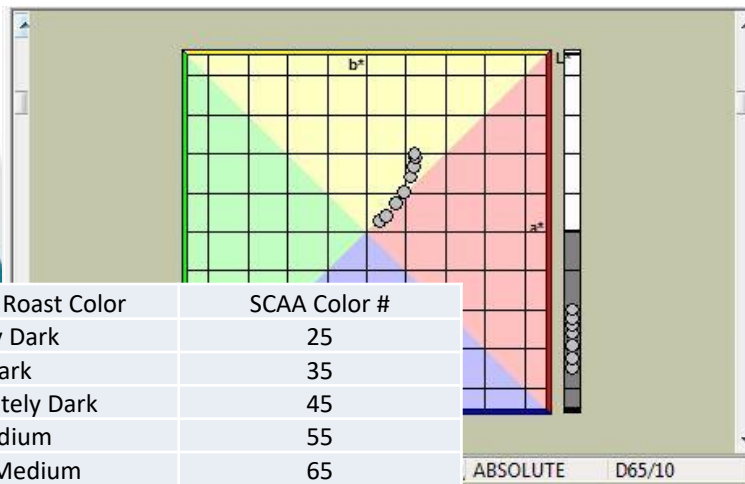
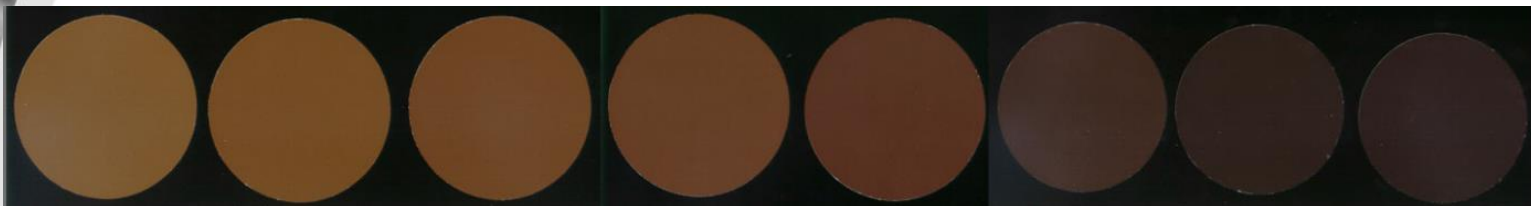
ColorFlex EZ Coffee Color Metrics



CFEZ Coffee Meter

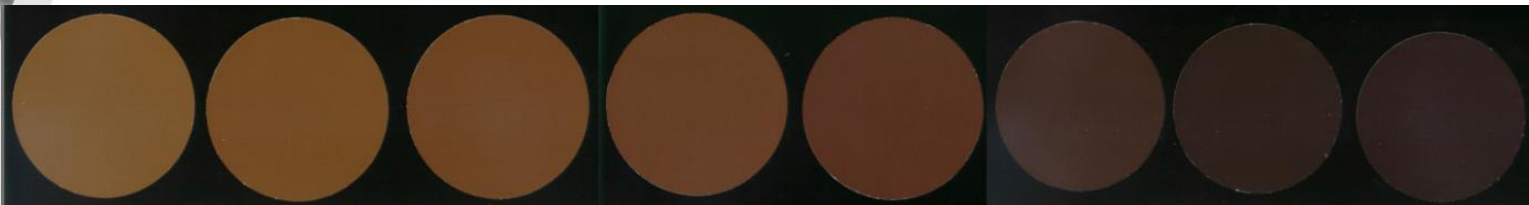


Correlation to SCAA/Agtron Color Standards

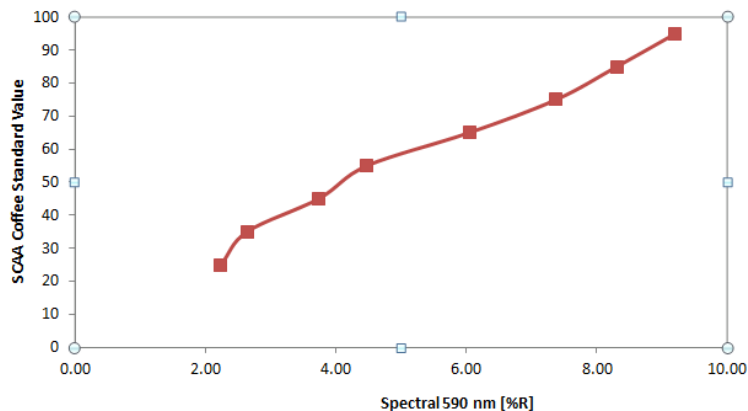


SCAA Bulk Roast Color	SCAA Color #
Very Dark	25
Dark	35
Moderately Dark	45
Medium	55
Light Medium	65
Moderately Light	75
Light	85
Very Light	95

Correlation to SCAA/Agtron Color Standards

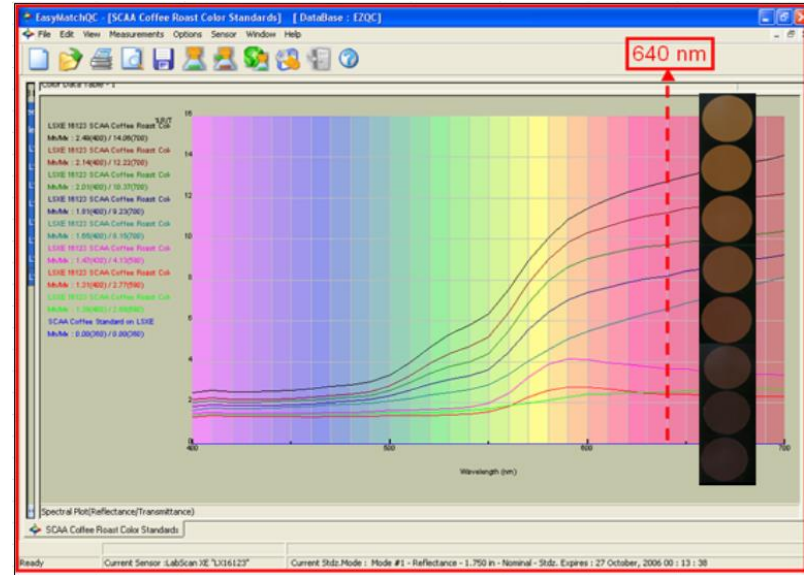
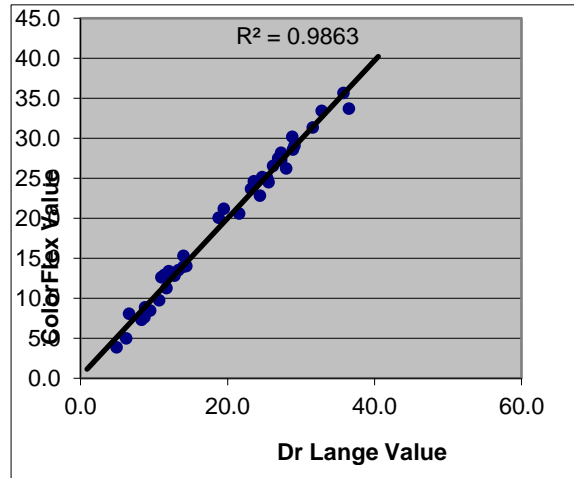


SCAA Coffee Standard Values versus 590 nm Reflectance - multi-segment fit



SCAA	SCAA Bulk Roast Color
< 20	Dark out of range
$\geq 20 < 23$	- Very Dark
$\geq 23 \leq 27$	Very Dark
$> 27 < 30$	+ Very Dark
$\geq 30 < 33$	- Dark
$\geq 33 \leq 37$	Dark
$> 37 < 40$	+ Dark
$\geq 40 < 43$	- Moderately Dark
$\geq 43 \leq 47$	Moderately Dark
$> 47 < 50$	+ Moderately Dark
$\geq 50 < 53$	- Medium
$\geq 53 \leq 57$	Medium
$> 57 < 60$	+ Medium

HCCI – Hunter Coffee Color Index



$$\text{HCCI} = [\text{HCCI_slope} * \text{R\%(640 nm)}] + \text{HCCI_offset}$$

where HCCI_slope and HCCI_offset are user-editable coefficients.
Default coefficients of HCCI_offset = 3.32 and HCCI_slope = 1.958.

Discussion?

