CIELAB measurement of output colours in offset print

The output colours depend on the colour separation method.
Figure AEA01-5N applies the separation method of Figure AEA00-5N.

Result
Many dark and chromatic steps are missing in the print.

Scientific result
Figure AEA01-7N shows the continuous overprint of Rd and Cd with black.
Pure black is not possible because the presence of Rd or Cd produces a chromatic tint.

Solution
Increase the overprint of black from 0 to 100%,
and reduce appropriate Rd or Cd from 100% to 0%.

Application result
Figure AEA01-6N shows the continuous overprint of Rd and Cd with black,
and at the same time an appropriate reduction of Rd and Cd.

Output-linearization based on the above application result
Figure AEA01-8N shows the intended equally spaced grey and chromatic steps.

Figure AEA01-8N produces **100% Under Colour Removal (UCR),**
the grey series is **only** printed by the black colorant.

AEA01–2N