

Physically-based Cosmetic Rendering: Supplemental Materials

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Table A: The brands of measured cosmetics.

Foundation 1	Maybelline (No 22. Natural Beige)
Foundation 2	Orbis (No 3)
Foundation 3	BOURJOIS Healthy (# 51)
Foundation 4	BOURJOIS Healthy (# 52)
Foundation 5	Integrate (00)
Blush 1	MISSHA (No. 1)
Blush 2	MISSHA (No. 2)
Lipstick 1	Orbis Rose Liqueur
Lipstick 2	Orbis Marshmallow Pink
Lipstick 3	Orbis Pink Beige
Lipstick 4	Orbis Almond Beige
Lipstick 5	Orbis Beige Latte
Lipstick 6	Orbis Pink Margret
Lipstick 7	Orbis Apricot Chiffon



(a) Blush 1



(b) Blush 2

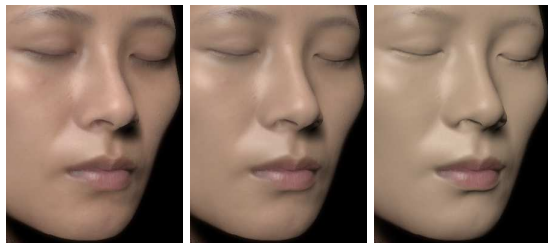
Figure A: The rendering results of two blushes. Each blush is applied with two thicknesses. Left: 0.15 mm; Right: 0.3 mm. The color of cheek is modified apparently.



(a) Foundation 1



(b) Foundation 2



(c) Foundation 3



(d) Foundation 4



(e) Foundation 5

Figure B: The rendering result of five foundations. Each foundation is applied with three thicknesses. Left: 0.015 mm; Middle: 0.075 mm; Right: 0.15 mm. The appearance is affected not only by different kinds of foundations but also by their thickness. The thicker the foundation is, the opaquer the facial makeup shows.



(a) Orig. Skin



(b) Lipstick 1



(c) Lipstick 2



(d) Lipstick 3



(e) Lipstick 4



(f) Lipstick 5



(g) Lipstick 6



(h) Lipstick 7

Figure C: The rendering result of seven different lipsticks. The thickness is 0.3 mm.