Colour Management of Tablet Devices

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Outline

Why?

Our Experiment

Results

What’s Next?
Why?
Why?
Why?
Our Experiment

Analyze and identify the colour reproduction capabilities of specific tabular devices
Our Experiment
## Results

### Summary of dE2000 comparison for tested tabular devices

<table>
<thead>
<tr>
<th></th>
<th>Average dE2000</th>
<th>Average of Lowest 90%</th>
<th>Average of Highest 10%</th>
<th>Maximum dE2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Pro 3</td>
<td>1.22</td>
<td>0.84</td>
<td>4.60</td>
<td>8.15</td>
</tr>
<tr>
<td>iPad Air 2</td>
<td>2.75</td>
<td>2.34</td>
<td>6.36</td>
<td>10.51</td>
</tr>
<tr>
<td>Galaxy Tab S</td>
<td>2.81</td>
<td>2.35</td>
<td>7.02</td>
<td>12.57</td>
</tr>
</tbody>
</table>
Results

Cyan is out of gamut
- Maximum dE on iPad and Surface

Gamut is limited by backlight of LCD screens

Compare to Print Standard
Results
Results
What’s Next?

Profile from and analyze different patch sets
What’s Next?

Quality of ICC profiles and possibly other color management systems
Thank you...

Questions?

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