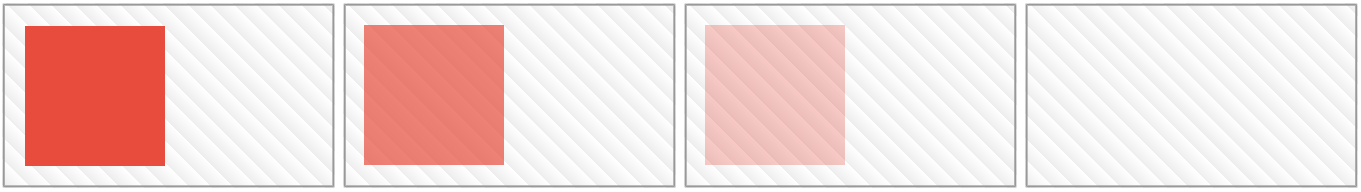
CSS opacity & SVG group opacity Test Page

Each stage has a checkerboard-ish backdrop so translucency is visible. This exercises the isolated-transparency-group implementation (docs/html-css-support.md#opacity, docs/supported-svg-features.md).

1 — Basic translucent box



opacity: 1 (baseline)
opacity: 1

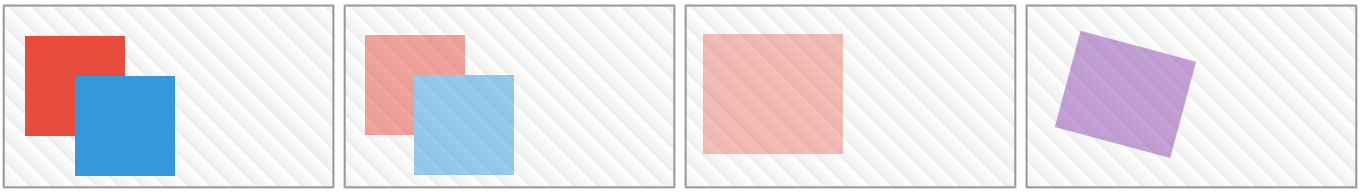
opacity: 0.7
opacity: 0.7

opacity: 0.3
opacity: 0.3

opacity: 0 (invisible)
opacity: 0

2 — Overlapping children under one parent opacity (double-blend proof)

The overlap should look like a single flat blend, not a darker double-blend - this is the isolated transparency-group fix in action.



two opaque overlapping boxes (baseline)
no opacity - opaque overlap

parent opacity:0.5, opaque children
parent opacity: 0.5 (children opaque)

nested opacity compounding
parent 0.6 × child 0.6 = 0.36 effective

opacity + transform combined
opacity: 0.5; transform: rotate(15deg)

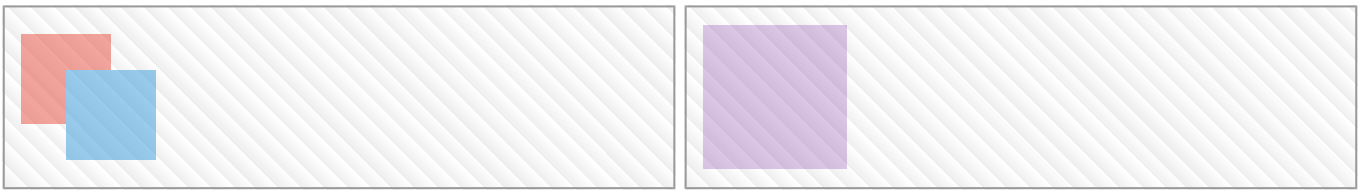
3 — Opacity over images and gradients

opacity on a box containing a raster <img>
opacity: 0.5 (img child)

opacity on a gradient background
opacity: 0.5 (gradient background)

4 — SVG <g opacity> (the SVG equivalent)

SVG group opacity now uses the same isolated-transparency-group compositing as CSS opacity - the overlap below should also look like a single flat blend.



<g opacity="0.5"> with overlapping shapes
<g opacity="0.5">, two overlapping rects

leaf fill-opacity vs group opacity
group opacity 0.6 × leaf fill-opacity 0.5