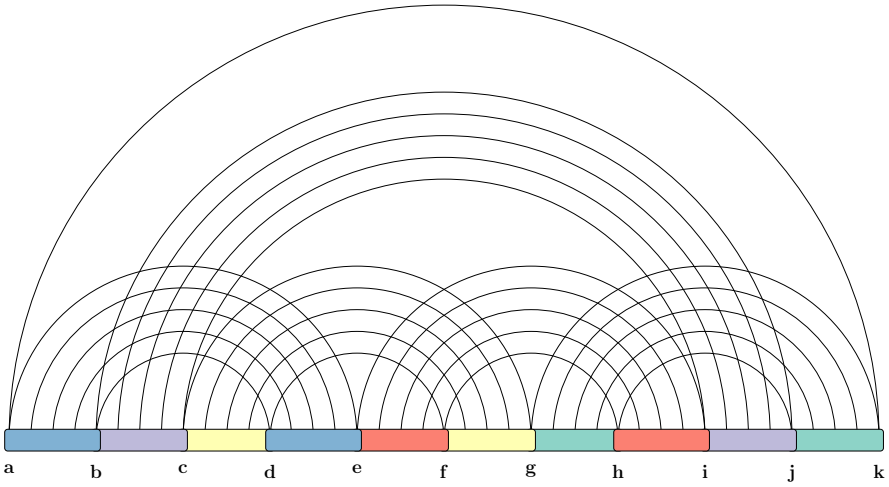
fatgraph name: C5



first and last anchors, already given: a, k

$$A = \min_{e,f,g,h,i,j} \Big(B\,[e, a|j, i, g, f] + D[h, a, g, j] + C_{\boxtimes}\,[e, f, h, i] \Big)$$

$$B'\,[e, a|j, i, g, f] = \min \Big\{ B'\,[e+1, a|j, i, g, f], \quad \text{if } e+1 \notin \{a, j, i, g, f\}$$

$$B\,[e, a|j, i, g, f] = \min \begin{cases} B\,[e, a-1|j, i, g, f], & \text{if } a-1, \notin \{e, j, i, g, f\} \\ B'\,[e+1, a|j, i, g, f], & \text{if } e+1 \notin \{a, j, i, g, f\} \\ B\,[e+1, a-1|j, i, g, f] + \Delta G(e, a) & \text{if } \{e+1, a-1\} \cap \{j, i, g, f\} = \emptyset, \\ C[1, g, i, f, 17, j] \end{cases}$$

$$C\,[b, d, f, g, i, j] = \min_{c} \Big(C_{\boxtimes}\,[c, d, f, g] + C_{\boxtimes}\,[b, c, i, j] \Big)$$

$$D\,[a, g, h, j] = \min \Big(C_{\boxtimes}\,[g, h, j, k] \Big)$$