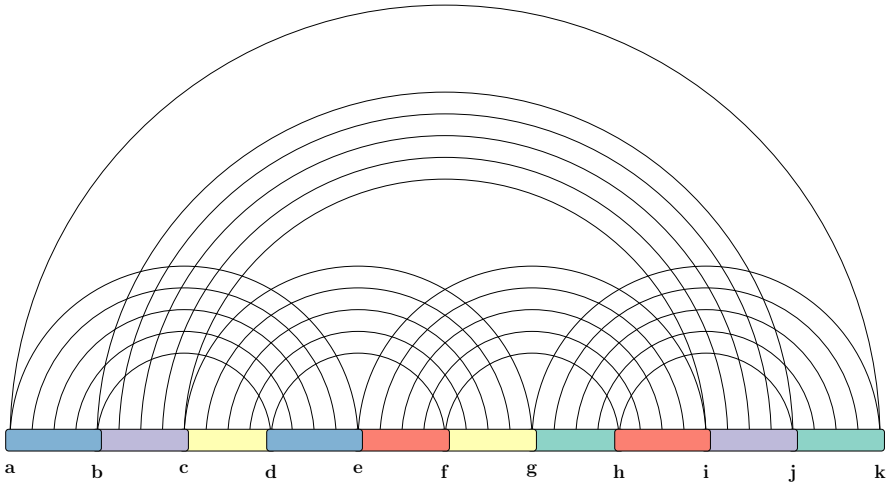
fatgraph name: C5



first and last anchors, already given: a, k

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

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

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

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

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