

Block iDCT 2

```
function X = iblock_dct2(X_dct)
    N = length(X_dct);
    X = zeros(N, N);
    blocksize = 8;
    numblocks = N / blocksize;

    %     fun = @(block_struct) idct2(block_struct.data);
    %     X = blockproc(X_dct, [blocksize blocksize], fun);

    for i = 0:numblocks - 1
        for j = 0:numblocks - 1
            X(i*blocksize + 1:i*blocksize+blocksize, j*blocksize + 1:j*blocksize+blocksize) =
            idct2(X_dct(i*blocksize + 1:i*blocksize+blocksize, j*blocksize + 1:j*blocksize+blocksize));
        end
    end
end
```

